Green, Shirelle

From: Unknown@Unknown.com
Sent: Monday, August 15, 2005 2:38 PM
To: STIC-EIC2100
Subject: Generic form response

ResponseHeader=Commercial Database Search Request

AccessDB#= 162579

LogNumber= 85

Searcher= _____

SearcherPhone= _____

SearcherBranch= _____

MyDate=Mon Aug 15 14:38:00 EDT 2005

submitto=STIC-EIC2100@uspto.gov

Name=Ronald D. Hartman Jr.

Empno=77333

Phone=571-272-3684

Artunit=2121

Office=RAND5A24

Serialnum=09/260,802

Earliest=12/23/1991

OtherDate=

Format3=email

Already1=USP

Already10=

FFNo=No

Searchtopic=This case is for interactive video distribution. A user profile is created which may be altered by the user, the user profile is used to gather video content that the user would like to view.

Comments=

send=SEND

```
Set     Items   Description
S1          1   AU='HOFFBERG L I'
S2         16   AU='HOFFBERG S' OR AU='HOFFBERG S M'
S3         16   S1 OR S2
S4         16   IDPAT (sorted in duplicate/non-duplicate order)
S5         16   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200552
         (c) 2005  Thomson Derwent
File 349:PCT FULLTEXT 1979-2005/UB=20050811,UT=20050804
         (c) 2005 WIPO/Univentio
File 348:EUROPEAN PATENTS 1978-2005/Aug W01
         (c) 2005 European Patent Office
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5/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

016854502 **Image available**
WPI Acc No: 2005-178784/200519
XRPX Acc No: N05-148839

Digital rights management method for video cassette recorder, involves predistorting media related to analyzed physical environment, to partially compensate environment by altering visual/audio content of media from its received state

Patent Assignee: HOFFBERG S M (HOFF-I)
Inventor: **HOFFBERG** S M
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6850252	B1	20050201	US 99157829	P	19991005	200519	B
			US 2000680049	A	20001005		

Priority Applications (No Type Date): US 99157829 P 19991005; US 2000680049 A 20001005
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6850252	B1		160	G09G-005/00	Provisional application US 99157829

Abstract (Basic): US 6850252 B1

NOVELTY - The media such as tape, recordable DVD and CD-ROM with visual/audio content is predistorted with respect to physical environment analyzed for media presentation to user, to partially compensate the environment by altering media content from its received state. The predistorted media is presented to user in physical environment, and access to media is restricted in undistorted form to manage rights in the media.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) method for securing against undistorted copying media; and

(2) apparatus for securing against undistorted copying of media.

USE - For management of digital rights for reproduction of multimedia content, images using video cassette recorder (VCR), optical disk drive, magneto-optical disk drive, magnetic disk drive in personal computer, professional assistance systems, and control systems such as vehicular control system, household appliance control system e.g. for high voltage alternating current (HVAC) system, alarm system, consumer electronics.

ADVANTAGE - The digital right management is performed reliably.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram explaining the digital rights management method.

pp; 160 DwgNo 25/31

Title Terms: DIGITAL; MANAGEMENT; METHOD; VIDEO; CASSETTE; RECORD; MEDIUM; RELATED; ANALYSE; PHYSICAL; ENVIRONMENT; COMPENSATE; ENVIRONMENT; ALTER; VISUAL; AUDIO; CONTENT; MEDIUM; RECEIVE; STATE
Derwent Class: P85; W04
International Patent Class (Main): G09G-005/00
International Patent Class (Additional): H04K-001/02
File Segment: EPI; EngPI

5/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015167560 **Image available**
WPI Acc No: 2003-228088/200322
Related WPI Acc No: 2002-711407
XRPX Acc No: N03-181359

Programmable apparatus for Internet application, controls display unit to display information in optimal fashion, when characteristic indicating that display unit is displaying information in suboptimal fashion is detected

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I); HOFFBERG S (HOFF-I); HOFFBERG-BORGHESANI L (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I; **HOFFBERG S** ; HOFFBERG-BORGHESANI L
Number of Countries: 001 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020151992	A1	20021017	US 99241135	A	19990201	200322 B
			US 2002162079	A	20020603	
US 6640145	B2	20031028	US 99241135	A	19990201	200372
			US 2002162079	A	20020603	

Priority Applications (No Type Date): US 99241135 A 19990201; US 2002162079 A 20020603
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020151992	A1		149	G05B-015/00	Cont of application US 99241135 Cont of patent US 6400996
US 6640145	B2			G05B-015/00	Cont of application US 99241135 Cont of patent US 6400990

Abstract (Basic): US 20020151992 A1

NOVELTY - A controller has a detector which detects the characteristics of the input instruction signal independent of program instruction. The controller controls the display unit to display information in optimal fashion, when the detector detects a characteristic indicating that display unit is displaying information in a suboptimal fashion.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Programmable information storage apparatus;
(2) Video tape recording apparatus;
(3) Recording device;
(4) Interface for programmable control;
(5) Program presenting system;
(6) Plant controlling controller;
(7) Digital image data automatically recognizing method;
(8) Digital image data automatically recognizing apparatus;
(9) Programmable controller;
(10) Program processing system;
(11) Image information retrieval apparatus;
(12) Video interface device;
(13) Input receiving apparatus;
(14) Adaptive programmable apparatus;
(15) Image data identifying method;
(16) Human interface system;
(17) Human interface device;
(18) Human interfacing method; and
(19) Program identifying device.

USE - Programmable apparatus for personal computer, consumer electronics, control system, professional assistance system, intelligent or learning system used in Internet application such as

biometric analysis system, video cassette recorder (VCR), medical device, vehicle control system, audio device, environmental control system, securities trading terminal, smart house, video conferencing system, entertainment device.

ADVANTAGE - Improves efficiency of matching commercial information to the desires and interests of a recipient, improving cost effectiveness for advertisers, improving perceived quality of commercial information received by recipients and increasing profits and reducing required information transmitted by publishers and media distribution entities.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of the predictive user interface in the programmable apparatus.

pp; 149 DwgNo 15/31

Title Terms: PROGRAM; APPARATUS; APPLY; CONTROL; DISPLAY; UNIT; DISPLAY; INFORMATION; OPTIMUM; FASHION; CHARACTERISTIC; INDICATE; DISPLAY; UNIT; DISPLAY; INFORMATION; FASHION; DETECT

Derwent Class: T01; T06; W04

International Patent Class (Main): G05B-015/00

International Patent Class (Additional): G05B-011/01; G05B-019/42

File Segment: EPI

5/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

015028494 **Image available**
WPI Acc No: 2003-089011/200308
Related WPI Acc No: 2002-170554; 2004-687591
XRPX Acc No: N03-070076

Mobile communication device used in transportation system, to determine priority for outputting events associated with set of locations based on chronological parameters of events

Patent Assignee: HOFFBERG S M (HOFF-I)
Inventor: **HOFFBERG S M**

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6429812	B1	20020806	US 9872757	P	19980127	200308 B
			US 99236184	A	19990125	
			US 2000584056	A	20000530	

Priority Applications (No Type Date): US 9872757 P 19980127; US 99236184 A 19990125; US 2000584056 A 20000530
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6429812	B1		22	H04B-007/185	Provisional application US 9872757 Div ex application US 99236184 Div ex patent US 6252544

Abstract (Basic): US 6429812 B1

NOVELTY - A memory (4) stores set of locations, its associated events such as road conditions, road hazards and chronological parameters of the events. A telecommunication subsystem (5) communicates events and location information between a remote system and the memory. A processor (6) uses stored locations and events to process location output produced by a GPS receiver to determine a priority to output associated events.

USE - Mobile communication device used in transportation system for providing location information and for providing various outputs related to event detectors such as police radar and laser (LIDAR) speed detectors, traffic and weather condition detectors, road hazard detectors (pot holes, debris, accidents, ice, muds, rock slides, drunk drivers, etc.) traffic speed detectors (speedometer reading, sensors for detecting speed of other vehicles), speed limits, check points, toll booths, etc.), retroreflector design system and for other applications such as mineral surveying, mapping, adding attributes or features to maps, finding sites on map, navigation and survey speed such as vehicle navigation, airplane navigation, marine navigation, field asset management, geographical information systems, aircraft piloting, seismology, boundary surveying, insurance, ranching, prospecting, ambulance driving, trucking, delivery, police, fire, real estate, forestry and other mobile applications and for personal travel such as hiking, biking, horse back riding, yachting, fishing, driving in personal cars and other travel activities.

ADVANTAGE - Allows the events to be output correctly as priority to output the events is determined based on chronological parameters of the events. Enables quick communication of traffic condition to drivers and hence reduces vehicular air pollution as a result of reduced traffic jams and inefficient driving patterns.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the mobile communication system.

Memory (4)
Telecommunication subsystem (5)
Processor (6)
pp; 22 DwgNo 1/3

Title Terms: MOBILE; COMMUNICATE; DEVICE; TRANSPORT; SYSTEM; DETERMINE;

PRIORITY; OUTPUT; EVENT; ASSOCIATE; SET; LOCATE; BASED; CHRONOLOGICAL; PARAMETER; EVENT

Derwent Class: S02; T07; W02; W06; X22

International Patent Class (Main): H04B-007/185

File Segment: EPI

5/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014890701 **Image available**
WPI Acc No: 2002-711407/200277
Related WPI Acc No: 2003-228088
XRPX Acc No: N02-561008

Adaptive pattern recognition based control system, has data packet network controller to process received data packets from data packet network interface, and respond according to predetermined protocol

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6400996	B1	20020604	US 99241135	A	19990201	200277	B

Priority Applications (No Type Date): US 99241135 A 19990201
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6400996	B1		143	G05B-019/42	

Abstract (Basic): US 6400996 B1

NOVELTY - A memory system stores the control input and user attribute received by a logical input. The preference of a user relating to data received from a data environment is determined based on the stored user attribute and the descriptive elements of the received data. A processing circuit processes the received data depending on the control input.

DETAILED DESCRIPTION - A data packet network controller processes received data packets from a data packet network interface, and responds to the received data packets according to a predetermined protocol. The data packet network controller communicates at least one of the control input, the user attribute, the received data, the descriptive elements, the user preference, and the processing circuit output through the data packet network interface.

INDEPENDENT CLAIMS are also included for the following:

(a) an Internet appliance;

(b) and an adaptive pattern recognition based control method.

USE - Applications of the interface and system include a video cassette recorder (VCR), medical device, vehicle control system, audio device, environmental control system, securities trading terminal, and smart house. The system optionally includes an actuator for effecting the environment of operation, allowing closed-loop feedback operation and automated learning adaptive pattern recognition based control system.

ADVANTAGE - Minimizes, for an individual user at any given time, the search and acquisition time for the entry of the data through an interface. Uses intelligent, adaptive pattern recognition in order to provide the operator with small number of high probability choices.

DESCRIPTION OF DRAWING(S) - The figure is a semi-cartoon flow diagram of an object decomposition and recognition method.

pp; 143 DwgNo 30/31

Title Terms: ADAPT; PATTERN; RECOGNISE; BASED; CONTROL; SYSTEM; DATA; PACKET; NETWORK; CONTROL; PROCESS; RECEIVE; DATA; PACKET; DATA; PACKET; NETWORK; INTERFACE; RESPOND; ACCORD; PREDETERMINED; PROTOCOL
Derwent Class: S05; T01; T06; W01; W03; W04; X22
International Patent Class (Main): G05B-019/42
File Segment: EPI

5/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014843832 **Image available**
WPI Acc No: 2002-664538/200271
Related WPI Acc No: 1998-387358; 1999-142246; 1999-203250; 1999-312336; 1999-325862; 1999-456347; 2000-542153
XRPX Acc No: N02-525604

Media preferences defining method for programmable VCR interface, involves analyzing characteristics of media programs based on consumption of media programs by user and feedback received from user

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6418424	B1	20020709	US 91812805	A	19911223	200271	B
			US 95469104	A	19950606		
			US 99260802	A	19990302		
			US 99304536	A	19990504		

Priority Applications (No Type Date): US 99304536 A 19990504; US 91812805 A 19911223; US 95469104 A 19950606; US 99260802 A 19990302
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6418424	B1		113	G06F-001/00	Cont of application US 91812805 Cont of application US 95469104 CIP of application US 99260802 Cont of patent US 5901246 Cont of patent US 5903454

Abstract (Basic): US 6418424 B1

NOVELTY - Characteristics of media programs are judged based on media consumption by user and feedback received from the user regarding the media program. User preference for media programs is predicted and displayed based on the judged characteristics.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) User program preferences predicting method;
(2) Media filtering method; and
(3) Media filtering apparatus.

USE - For programmable interfaces of VCR. Also for intelligent telephone device interface, smart house interface, programmable environmental controller of HVAC system, medical device interface, interface of audio device, securities trading terminal interface, adaptive interface of vehicular control system, data context sensitive and group aware adaptive computer interfaces, etc.

ADVANTAGE - The media preferences defining method provides an enhanced interface for facilitating human input of information and modifying the previously entered information.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of control system on which media preferences defining method is applied.

pp; 113 DwgNo 24/31

Title Terms: MEDIUM; DEFINE; METHOD; PROGRAM; VCR; INTERFACE; CHARACTERISTIC; MEDIUM; PROGRAM; BASED; CONSUME; MEDIUM; PROGRAM; USER; FEEDBACK; RECEIVE; USER
Derwent Class: P85; S05; T01; W04
International Patent Class (Main): G06F-001/00
International Patent Class (Additional): G06F-003/00; G06F-009/44; G09B-017/00
File Segment: EPI; EngPI

5/5/7 (Item 7 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014349851 **Image available**
WPI Acc No: 2002-170554/200222
Related WPI Acc No: 2003-089011; 2004-687591
XRPX Acc No: N02-129709

Mobile communication device has memory to store position data of mobile device and associated environmental status of device, output from respective sensors

Patent Assignee: HOFFBERG S M (HOFF-I)
Inventor: **HOFFBERG S M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6252544	B1	20010626	US 9872757	P	19980127	200222	B
			US 99236184	A	19990125		

Priority Applications (No Type Date): US 9872757 P 19980127; US 99236184 A 19990125
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6252544	B1		23	H04B-007/185	Provisional application US 9872757

Abstract (Basic): US 6252544 B1

NOVELTY - A memory (4) stores the position data of mobile device and the associated environmental status of the device, output from respective sensors. A processed output is given by a processor corresponding to the environmental status of the device at their detected positions.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for operation method of mobile communication device.

USE - Mobile communication device e.g. cellular telephone used in global positioning system used in finding sites in maps, vehicle navigation, airplane navigation, marine navigation, field asset management, geographical information systems, aircraft piloting, seismology, boundary surveying. Also used for mobile professionals in insurance, ranching, prospecting, ambulance driving, trucking, delivery, police, fire, real estate, forestry, etc.

ADVANTAGE - Locationally or temporally distant information need not be transmitted between the mobile units. While low power or micro power design is desirable, in an automobile environment, typically sufficient power is continuously made available to support sophisticated electronic devices, thereby providing significant design freedom.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of communication system.

Memory (4)

pp; 23 DwgNo 1/3

Title Terms: MOBILE; COMMUNICATE; DEVICE; MEMORY; STORAGE; POSITION; DATA; MOBILE; DEVICE; ASSOCIATE; ENVIRONMENT; STATUS; DEVICE; OUTPUT; RESPECTIVE; SENSE
Derwent Class: S02; T07; W01; W02; W06; X22
International Patent Class (Main): H04B-007/185
File Segment: EPI

5/5/10 (Item 10 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013370214 **Image available**
WPI Acc No: 2000-542153/200049
Related WPI Acc No: 1998-387358; 1999-142246; 1999-203250; 1999-312336; 1999-325862; 1999-456347; 2002-664538
XRPX Acc No: N00-400939

Programmable man-machine interface for video cassette recorder, detects characteristic of user implicitly, from user input signal, to control the apparatus

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6081750	A	20000627	US 91812805	A	19911223	200049 B
			US 95471213	A	19950606	

Priority Applications (No Type Date): US 95471213 A 19950606; US 91812805 A 19911223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6081750	A		94	G05B-011/01	CIP of application US 91812805 CIP of patent US 5903454

Abstract (Basic): US 6081750 A

NOVELTY - An explicit input instruction relating to user desired action, is extracted from user input signal, by input processor. A characteristic of the user implicitly represented in the input signal is detected, using which the apparatus is controlled for selectively processing the input instruction.

USE - For general or special purpose computing or sequencing devices e.g. video cassette recorders, computer and in multimedia applications. Also for user in moving vehicle, telecommunication system. For consumer electronic devices and industrial control.

ADVANTAGE - Provides the operator with small number of high probability choices, without need for explicit definition of desired action. Proposes extensive use of advanced signal processing and neural networks, by emphasizing adaptive pattern recognition of both input and available data. Makes use of intrinsic processing power rather than additional computing power. Analyzes data from many different sources for its operation. Allows the operator to define complex criteria with respect to image, abstract or linguistic concepts. Minimizes learning and searching times, intimidation of novice users and errors, thus simplifying entering of programming data. Facilitates human input of desired information and for modifying previously entered information.

DESCRIPTION OF DRAWING(S) - The figure shows block diagram of user level determining system of man-machine interface.

pp; 94 DwgNo 21/31

Title Terms: PROGRAM; MAN; MACHINE; INTERFACE; VIDEO; CASSETTE; RECORD; DETECT; CHARACTERISTIC; USER; IMPLICIT; USER; INPUT; SIGNAL; CONTROL; APPARATUS
Derwent Class: T01; T06; W04; X22
International Patent Class (Main): G05B-011/01
File Segment: EPI

5/5/11 (Item 11 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012650242 **Image available**
WPI Acc No: 1999-456347/199938
Related WPI Acc No: 1998-387358; 1999-142246; 1999-203250; 1999-312336; 1999-325862; 2000-542153; 2002-664538
XRPX Acc No: N99-341135

Consumer electronic device controlling method for e.g. video cassette recorder

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5920477	A	19990706	US 91812805	A	19911223	199938	B
			US 95469597	A	19950606		

Priority Applications (No Type Date): US 91812805 A 19911223; US 95469597 A 19950606
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5920477	A		94	G06K-009/00	Cont of application US 91812805

Abstract (Basic): US 5920477 A

NOVELTY - User commands and external information data input are fed as input to electronic device. Based on input information and status of device, a subsequent user command is predicted, and is presented to user. Based on feedback corresponding to presented user command, the subsequent user command is modified and then executed.

USE - For e.g. video cassette recorders (VCRs), answering machines, microwave ovens, alarm clocks, thermostats, cameras, home security systems, lighting system and automobiles.

ADVANTAGE - By providing specialized visual feedback interface for facilitating human input of desired control sequence in programmable device is enhanced.

DESCRIPTION OF DRAWING(S) - The figure shows a semi-cartoon flow diagram of object decomposition and recognition method.

pp; 94 DwgNo 30/30

Title Terms: CONSUME; ELECTRONIC; DEVICE; CONTROL; METHOD; VIDEO; CASSETTE; RECORD
Derwent Class: T01; W04
International Patent Class (Main): G06K-009/00
File Segment: EPI

5/5/12 (Item 12 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012519756 **Image available**
WPI Acc No: 1999-325862/199927
Related WPI Acc No: 1998-387358; 1999-142246; 1999-203250; 1999-312336; 1999-456347; 2000-542153; 2002-664538
XRPX Acc No: N99-244375

Digital image data classification method for programmable man-machine interfaces in general or special purpose computing devices

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5901246	A	19990504	US 95469104	A	19950606	199927	B

Priority Applications (No Type Date): US 95469104 A 19950606
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5901246	A		91	G06K-009/62	

Abstract (Basic): US 5901246 A

NOVELTY - The address domain is subjected to one or more transforms selected from the group consisting of a null transformation, preset rotation, an inversion, a preset sealing and preset domain preprocessing. For each of the transformed domains one of the mapped ranges is selected which closely resembles set of identifiers.

DETAILED DESCRIPTION - A set of object related models are provided from the available image data, a set of accessible mapped ranges are created corresponding to different subsets of image data. An identifier (2209) is assigned to corresponding one of mapped ranges. Each of the identifiers specify for the corresponding mapped range a procedure and a corresponding subset of the image data. For the set of map ranges, a corresponding procedure is executed on a subset of the image data which corresponds to the mapped ranges. One of the mapped ranges which corresponds to the portion of image data is selected. Then, the image data is represented as a set of identifiers of the selected mapped ranges. The class relation of the representation of the image data is determined from the selected map ranges based on an image to model correspondence. A set of addressable domains are generated from the image data, each of which represents a portion of the image information. An INDEPENDENT CLAIM is also included for an image processing apparatus.

USE - For interface used for VCR, medical device, vehicle control system, audio device, environment control system, securities trading terminal, smart house.

ADVANTAGE - Provides access and availability of functions not previously existing or known to user due to which perceived quality and usefulness of product is increased.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the template based pattern recognition system.

Identifier (2209)

pp; 91 DwgNo 22/30

Title Terms: DIGITAL; IMAGE; DATA; CLASSIFY; METHOD; PROGRAM; MAN; MACHINE; INTERFACE; GENERAL; SPECIAL; PURPOSE; COMPUTATION; DEVICE
Derwent Class: T01
International Patent Class (Main): G06K-009/62
File Segment: EPI

5/5/13 (Item 13 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012506231
WPI Acc No: 1999-312336/199926
Related WPI Acc No: 1998-387358; 1999-142246; 1999-203250; 1999-325862; 1999-456347; 2000-542153; 2002-664538
XRPX Acc No: N99-233271

Programmable control sequencing device such as remote controller for VCR, answering machine, microwave ovens - determines most probable intended action of user based on stored data corresponding to user activity and derived weighing of several possible events

Patent Assignee: HOFFBERG L I (HOFF-I); HOFFBERG S M (HOFF-I)
Inventor: **HOFFBERG L I** ; **HOFFBERG S M**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5903454	A	19990511	US 91812805	A	19911223	199926	B

Priority Applications (No Type Date): US 91812805 A 19911223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5903454	A		328	G05B-019/42	

Abstract (Basic): US 5903454 A

The interface consists of a data transmission selector for selecting any one of number of simultaneously transmitted programs. A program database contains information relating to one of the programs. A GUI receives user commands. A controller controls the GUI and data transmission selector.

The controller determines a user characteristic based on implicit data, output of program database and provides information relating to one of the programs on GUI in association with a command, based on user characteristics and program database. The GUI allows the user to select command and thereby authorise an operation in relation to one of the programs.

USE - E.g. for VCR, answering machine, microwave oven, alarm clock, thermostat, camera, home security system, lighting system, automobile and other programmable products.

ADVANTAGE - Minimises learning and searching times, better reflects user's expectations, provides better matching to human memory limits and simplifies entering of programmable data so that novices can use it easily.

Title Terms: PROGRAM; CONTROL; SEQUENCE; DEVICE; REMOTE; CONTROL; VCR; ANSWER; MACHINE; MICROWAVE; OVEN; DETERMINE; PROBABILITY; INTENDED; ACTION; USER; BASED; STORAGE; DATA; CORRESPOND; USER; ACTIVE; DERIVATIVE; WEIGH; POSSIBILITY; EVENT
Derwent Class: T01; T06; W01; W04; X27
International Patent Class (Main): G05B-019/42
File Segment: EPI

5/5/14 (Item 14 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012397143
WPI Acc No: 1999-203250/199917
Related WPI Acc No: 1998-387358; 1999-142246; 1999-312336; 1999-325862; 1999-456347; 2000-542153; 2002-664538
XRPX Acc No: N99-149588

Programmable man machine interface for vehicle control system

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5875108	A	19990223	US 91812805	A	19911223	199917 B
			US 95471834	A	19950606	

Priority Applications (No Type Date): US 95471834 A 19950606; US 91812805 A 19911223
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5875108	A		110	G06K-009/00	CIP of application US 91812805

Abstract (Basic): US 5875108 A

NOVELTY - A control parameter evaluation system selectively produces an output varying in dependence on the relational parameters and stored control parameters. The relational parameters are produced by comparing abstract characterized signal with one of the stored profiles.

DETAILED DESCRIPTION - A memory stores a set of input control parameters. A processor characterizes an external signal received from a system to be controlled and produces an abstract characterized signal. INDEPENDENT CLAIMS are also included for the following:

(a) an image information retrieval apparatus;
(b) an adaptive programmable apparatus;
(c) an adaptive programmable interface.

USE - For VCR, medical appliance, vehicle control system, securities trading terminal.

ADVANTAGE - Reduces errors and simplifies entering of programming data.

pp; 110 DwgNo 0/31

Title Terms: PROGRAM; MAN; MACHINE; INTERFACE; VEHICLE; CONTROL; SYSTEM
Derwent Class: T01; T04; W04
International Patent Class (Main): G06K-009/00
File Segment: EPI

5/5/15 (Item 15 from file: 350)
DIALOG(R)File 350:Derwent WPIX

012336139 **Image available**
WPI Acc No: 1999-142246/199912
Related WPI Acc No: 1998-387358; 1999-203250; 1999-312336; 1999-325862; 1999-456347; 2000-542153; 2002-664538
XRPX Acc No: N99-103373

Object decomposition and recognition method for remote controlled, programmable consumer electronic devices

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5867386	A	19990202	US 91812805	A	19911223	199912	B
			US 95469068	A	19950606		

Priority Applications (No Type Date): US 91812805 A 19911223; US 95469068 A 19950606
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5867386	A		78	G05B-009/02	Cont of application US 91812805

Abstract (Basic): US 5867386 A

NOVELTY - The method involves generating several accessible mapped ranges corresponding to different subsets of processed object image data. An ID specifying a procedure and subset, is assigned to each mapped range. The procedure is executed upon subset for respective mapped range. A specific mapped range corresponding to portion of processed object image data, is selected. The processed object image data is represented as set of IDs of selected mapped ranges and template data are obtained. The IDs of template data are matched, based on image-to-template correspondings.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for image relationship identification apparatus.

USE - For VCR, answering machine, microwave oven, alarm clocks, thermostats, camera, home security system, lighting system and automobiles.

ADVANTAGE - Allows manufacturer to produce a single device without regard to ability of user to learn programming steps. Provides electronic device with various user interface levels.

DESCRIPTION OF DRAWING(S) - The figure shows object decomposition and recognition method.

pp; 78 DwgNo 30/30

Title Terms: OBJECT; DECOMPOSE; RECOGNISE; METHOD; REMOTE; CONTROL; PROGRAM ; CONSUME; ELECTRONIC; DEVICE
Derwent Class: T04; T06; W01; W04; W05; X27
International Patent Class (Main): G05B-009/02
File Segment: EPI

5/5/16 (Item 16 from file: 350)
DIALOG(R)File 350:Derwent WPIX

011970448 **Image available**
WPI Acc No: 1998-387358/199833
Related WPI Acc No: 1999-142246; 1999-203250; 1999-312336; 1999-325862; 1999-456347; 2000-542153; 2002-664538
XRPX Acc No: N98-302086

Human interface device for user of consumer electronic device - has controller which outputs information relating to programs on GUI in association with command, based on user characteristic and program database

Patent Assignee: HOFFBERG S M (HOFF-I); HOFFBERG-BORGHESANI L I (HOFF-I)
Inventor: **HOFFBERG S M** ; HOFFBERG-BORGHESANI L I
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5774357	A	19980630	US 91812805	A	19911223	199833	B
			US 95471215	A	19950606		

Priority Applications (No Type Date): US 91812805 A 19911223; US 95471215 A 19950606
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5774357	A		97	G05B-009/02	Cont of application US 91812805

Abstract (Basic): US 5774357 A

The interface consists of a data transmission selector for selecting any one of number of simultaneously transmitted programs. A program database contains information relating to one of the programs. A GUI receives user commands. A controller controls the GUI and data transmission selector.

The controller determines a user characteristic based on implicit data, output of program database and provides information relating to one of the programs on GUI in association with a command, based on user characteristics and program database. The GUI allows the user to select command and thereby authorise an operation in relation to one of the programs.

USE - E.g. for VCR, answering machine, microwave oven, alarm clock, thermostat, camera, home security system, lighting system, automobile and other programmable products.

ADVANTAGE - Minimises learning and searching times, better reflects user's expectations, provides better matching to human memory limits and simplifies entering of programmable data so that novices can use it easily.

Dwg.30/31

Title Terms: HUMAN; INTERFACE; DEVICE; USER; CONSUME; ELECTRONIC; DEVICE; CONTROL; OUTPUT; INFORMATION; RELATED; PROGRAM; ASSOCIATE; COMMAND; BASED ; USER; CHARACTERISTIC; PROGRAM; DATABASE
Derwent Class: T01; T06; X22; X25; X26; X27
International Patent Class (Main): G05B-009/02
File Segment: EPI

```
Set     Items   Description
S1          4   AU='HOFFBERG S' OR AU='HOFFBERG, L.I.' OR AU='HOFFBERG, LI-
             NDA I.'
File   2:INSPEC 1969-2005/Aug W1
         (c) 2005 Institution of Electrical Engineers
File   6:NTIS 1964-2005/Aug W1
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2005/Aug W1
         (c) 2005 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Aug W2
         (c) 2005 Inst for Sci Info
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2005/Jul
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Aug W2
         (c) 2005 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2005/Jun W4
         (c)2005 Japan Science and Tech Corp(JST)
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
         (c) 2005 The HW Wilson Co.
File 144:Pascal 1973-2005/Aug W1
         (c) 2005 INIST/CNRS
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 17
         (c) 2005 The Gale Group
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1/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

04234785 INSPEC Abstract Number: B9210-6430H-008, C9210-6180-046
Title: Designing user interface guidelines for time-shift programming on a video cassette recorder (VCR)
Author(s): **Hoffberg, L.I.**
Author Affiliation: Mitre Corp., Bedford, MA, USA
Conference Title: Proceedings of the Human Factors Society 35th Annual Meeting p.501-4 vol.1
Publisher: Human Factors Soc, Santa Monica, CA, USA
Publication Date: 1991 Country of Publication: USA 2 vol. xxiii+1631 pp.
Conference Sponsor: Bay Area Chapter
Conference Date: 2-6 Sept. 1991 Conference Location: San Francisco, CA, USA
Language: English Document Type: Conference Paper (PA)
Treatment: Practical (P)
Abstract: The average consumer encounters difficulty when programming electronic products which require a series of steps to operate. The user interfaces of these products vary not only among different types of products, but also within the individual market itself. There are presently no interface guidelines in existence to assist designers in developing easy to use electronic programmable products. This research proposes user interface guidelines to improve the poor interface designs of the video cassette recorder (VCR). This study demonstrates the advantages of incorporating human factors design criteria into the interface of electronic programmable devices. The results of the research were used to develop and implement a new interface using HyperPAD, a prototyping tool for the IBM/PC. HyperPAD was also used to simulate an existing VCR. A data collection program captured the users' keystrokes and errors, and simplified the analysis of the raw data. (7 Refs)
Subfile: B C
Descriptors: human factors; software tools; user interfaces; video tape recorders
Identifiers: time-shift programming; user interfaces; electronic programmable products; video cassette recorder; human factors design criteria; HyperPAD; prototyping tool; VCR; data collection program
Class Codes: B6430H (Video recording); C6180 (User interfaces)

1/5/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

03368397 E.I. Monthly No: EIM9201-003397
Title: Designing user interface guidelines for time-shift programming on a video cassette recorder (VCR).
Author: **Hoffberg, Linda I.**
Corporate Source: MITRE Corp, Bedford, MA, USA
Conference Title: Proceedings of the Human Factors Society 35th Annual Meeting Part 1 (of 2)
Conference Location: San Francisco, CA, USA Conference Date: 19910902
Sponsor: Bay Area Chapter
E.I. Conference No.: 15389
Source: Proceedings of the Human Factors Society v 1. Publ by Human Factors Soc Inc, Santa Monica, CA, USA. p 501-504
Publication Year: 1991
CODEN: PHFSDQ ISSN: 0163-5182
Language: English
Document Type: PA; (Conference Paper) Treatment: X; (Experimental)
Journal Announcement: 9201
Abstract: Advances in technology may create additional problems for the user. The average consumer encounters difficulty when programming electronic products which require a series of steps to operate. The user-interfaces of these products vary not only among different types of products, but also within the individual market itself. There are presently no interface guidelines in existence to assist designers in developing easy to use electronic programmable products. This research proposes user interface guidelines to improve the current poor interface designs of the Video Cassette Recorder (VCR). Improving the interfaces of electronic products results in less frustration for users. This study demonstrates the advantages of incorporating human factors design criteria into the interface of electronic programmable devices. Research and testing performed on existing VCRs identified problems and the need to minimize them. The results of the research were used to develop and implement a new interface using HyperPAD**T**M, a prototyping tool for the IBM/PC. HyperPAD**T**M was also used to simulate an existing VCR. A data collection program captured the users' keystrokes and errors, and simplified the analysis of the raw data. Test results for the new VCR interface demonstrated a 50% reduction in the number of incorrect recordings and a 50% reduction in the time required to set the clock and program the VCR. (Author abstract) 7 Refs.
Descriptors: *VIDEO RECORDING--*Cassette Recorders; COMPUTER INTERFACES--Human Factors; HUMAN ENGINEERING--Behavioral Research; SYSTEMS SCIENCE AND CYBERNETICS--Man Machine Systems; LEARNING SYSTEMS
Identifiers: USER INTERFACE DESIGN; TIME SHIFT PROGRAMMING; ELECTRONIC PROGRAMMABLE DEVICES; FEEDBACK SYSTEMS; USER KEYSTROKES
Classification Codes:
716 (Radar, Radio & TV Electronic Equipment); 722 (Computer Hardware); 723 (Computer Software); 461 (Biotechnology)
71 (ELECTRONICS & COMMUNICATIONS); 72 (COMPUTERS & DATA PROCESSING); 46 (BIOENGINEERING)

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et      Items   Description
S1     215433   PROFILE? ? OR PREFERENCE? ? OR DEMOGRAPHICS OR AGE OR GEND-
              ER OR HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR
              TOPIC? ? OR ACTOR? ? OR ACTRESS? ?)
S2        590   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
              AST)
S3      54472   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
              DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
              OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CONTE-
              NT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SHOW? ?)
S4       1160   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
              DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
              OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(VIDEO-
              RECORD? OR MOVIE? ? OR (MOVING OR MOTION)()(PICTURE? ?) OR PR-
              OGRAMMING)
S5      30453   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
              DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
              OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(PROGR-
              AM? ? OR MEDIA OR MULTIMEDIA OR VIDEO? ? OR AUDIO OR MUSIC)
S6       4188   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
              DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
              OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CARTO-
              ON? ? OR ANIMATION? ? OR NEWS OR PHOTO? ? OR PHOTOGRAPH? ?)
S7       2184   (S1 OR S2) AND (S3 OR S4 OR S5 OR S6)
S8        922   S7 AND IC=G06F
S9         29   S8 AND AY=1963:1991
S10        29   IDPAT (sorted in duplicate/non-duplicate order)
S11        29   IDPAT (primary/non-duplicate records only)
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200553
         (c) 2005  Thomson Derwent
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11/5/2
DIALOG(R)File 350:Derwent WPIX

014404514 **Image available**
WPI Acc No: 2002-225217/200228
Related WPI Acc No: 1993-197348; 1997-012375; 1997-415544; 1998-178718; 1998-507110; 2000-283379; 2001-588749; 2002-112770; 2002-129207; 2002-187146; 2003-644593
XRPX Acc No: N02-172641

Customized programming method in digital interactive programming system, involves switching digital program **segment at splice point** identified **in preceding segment without creating any perceptible artifacts**

Patent Assignee: ACTV INC (ACTV-N); DEO F P (DEOF-I); FREEMAN M J (FREE-I); HARPER G W (HARP-I); LIGA K M (LIGA-I)
Inventor: DEO F P; FREEMAN M J; LIGA K; HARPER G W; LIGA K M
Number of Countries: 101 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20010013123	A1	20010809	US 91797298	A	19911125	200228	B
			US 93166608	A	19931213		
			US 95443607	A	19950518		
			US 97887314	A	19970703		
			US 98154069	A	19980916		
			US 99335372	A	19990617		
			US 2001767053	A	20010122		
WO 200286680	A2	20021031	WO 2002US4553	A	20020118	200272	
EP 1362479	A2	20031119	EP 2002741640	A	20020118	200377	
			WO 2002US4553	A	20020118		
GB 2390258	A	20031231	WO 2002US4553	A	20020118	200403	
			GB 200318350	A	20030805		
AU 2002314716	A1	20021105	AU 2002314716	A	20020118	200433	

Priority Applications (No Type Date): US 2001767053 A 20010122; US 91797298 A 19911125; US 93166608 A 19931213; US 95443607 A 19950518; US 97887314 A 19970703; US 98154069 A 19980916; US 99335372 A 19990617
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010013123	A1		25	H04N-007/25	Cont of application US 91797298
					CIP of application US 93166608
					Cont of application US 95443607
					CIP of application US 97887314
					CIP of application US 98154069
					CIP of application US 99335372
					Cont of patent US 5724091
					CIP of patent US 6181334
WO 200286680	A2	E		G06F-000/00	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

EP 1362479	A2	E		H04N-007/10	Based on patent WO 200286680

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

GB 2390258	A			H04N-007/10	Based on patent WO 200286680
AU 2002314716	A1			H04N-007/25	Based on patent WO 200286680

Abstract (Basic): US 20010013123 A1

NOVELTY - A splice point is **identified** in the selected **program** segment before transmitting it to reception system. Another digital **program** segment is seamlessly switched at **identified** splice point

without creating any artifacts perceptible when succession of digital program segment are presented to user and transmitted to reception system.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Programming transmission system;

(b) Computer program product containing instructions for customizing programming to user

USE - For providing customized programming in digital interactive programming system such as television, radio broadcasting system, computer network, internet and web casting, telephone network, personal communication network for use with wireless telephone, personal digital assistant and web phone.

ADVANTAGE - Offers customized programming to particular user or multiple user of similar **profile** with respect to the interest of the user, thus programming satisfaction is increased.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the components of interactive programming receiver.

pp; 25 DwgNo 5/5

Title Terms: CUSTOMISATION; PROGRAM; METHOD; DIGITAL; INTERACT; PROGRAM; SYSTEM; SWITCH; DIGITAL; PROGRAM; SEGMENT; SPLICE; POINT; IDENTIFY; PRECEDE; SEGMENT; PERCEPTION; ARTIFACT

Derwent Class: T01; W01; W02

International Patent Class (Main): **G06F-000/00** ; H04N-007/10; H04N-007/25

International Patent Class (Additional): H04N-007/025

File Segment: EPI

11/5/3
DIALOG(R)File 350:Derwent WPIX

011761941 **Image available**
WPI Acc No: 1998-178851/199816
Related WPI Acc No: 1995-343523; 1999-610507; 2003-707187; 2004-040702
XRPX Acc No: N98-141556

Human sensitivity fashion design analysis and judgement database generation system - inputting design image into processor, extracting image elements from input image, recording **characteristic data which** identifies **extracted image element, storing characteristic data and corresp image, and repeating to build database**

Patent Assignee: HITACHI LTD (HITA)
Inventor: KAGAMI A; KOSAKA M; OYAMA H
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5724484	A	19980303	US 92853515	A	19920318	199816	B
			US 95472064	A	19950606		

Priority Applications (No Type Date): JP 9180359 A 19910320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5724484	A		20	G06F-019/00	Cont of application US 92853515 Cont of patent US 5450314

Abstract (Basic): US 5724484 A

A database preparing method prepares a design database from which design database image elements are retrievable to build composite design images for decision making. The entire design image, including a plurality of separable image elements, is input into a processing unit. At least one of the image elements is extracted from the entire design image. The characteristic data which (i) identifies the extracted image element and (ii) corresponds to the entire design image is recorded and stored into a memory. The foregoing steps are repeated to build the design database. In a database retrieving method, a partial image of an entire image is input as a retrieval key. The entire image which corresponds to the retrieval key is retrieved from a database stored in a memory. The retrieved entire image is output.

USE - For application of human sensitivity such as fashion sense and **preference** .

ADVANTAGE - Uniformly and stably accomplishes analysis and judgement requiring high level and various kansei, or human sensitivity.

Dwg.7/15

Title Terms: HUMAN; SENSITIVE; FASHION; DESIGN; ANALYSE; JUDGEMENT; DATABASE; GENERATE; SYSTEM; INPUT; DESIGN; IMAGE; PROCESSOR; EXTRACT; IMAGE; ELEMENT; INPUT; IMAGE; RECORD; CHARACTERISTIC; DATA; IDENTIFY; EXTRACT; IMAGE; ELEMENT; STORAGE; CHARACTERISTIC; DATA; CORRESPOND; IMAGE ; REPEAT; BUILD; DATABASE
Derwent Class: T01
International Patent Class (Main): **G06F-019/00**
File Segment: EPI

11/5/13
DIALOG(R)File 350:Derwent WPIX

008433418 **Image available**
WPI Acc No: 1990-320418/199042
XRPX Acc No: N90-245543
Compiling system for video tapes - targets individuals or groups who are interested in specific products
Patent Assignee: DATAVISION TECHNOLOGIES CORP (DATA-N); DATAVISION TECH COR (DATA-N); EXCNET CORP (EXCN-N)
Inventor: FORESMAN R S; KEILTY K B; MOSCICKI J M; SHEK T P; SLADE M G; SLADE M
Number of Countries: 032 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9011587	A	19901004				199042	B
CA 2011159	A	19900917				199049	
AU 9049540	A	19901022				199104	
EP 462976	A	19920102	EP 90902442	A	19900103	199202	
US 5099422	A	19920324	US 89324896	A	19890317	199215	
CA 2011159	C	19940726	CA 2011159	A	19900228	199432	
EP 462976	A4	19930721	EP 90902442	A	19900000	199527	

Priority Applications (No Type Date): US 89324896 A 19890317; US 86850239 A 19860410
Cited Patents: US 3654708; US 4750151; US 4766542; US 4847760; US 4852042; US 4863384; EP 191149; EP 228634; EP 283727; US 4703465; WO 8706756; WO 9008359
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9011587	A				
	Designated States (National): AU BB BG BR CA FI HU JP KP KR LK MC MG MW NO RO SD SU				
	Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE				
EP 462976	A				
	Designated States (Regional): AT BE CH DE ES FR GB IT LI LU NL SE				
US 5099422	A		21		
CA 2011159	C			G11B-005/86	

Abstract (Basic): WO 9011587 A
The compiling system, has a recorder (950), e.g. videocassette recorder, capable of producing media (970) for distribution. The **contents** of the **media** are **determined** by customer **profiles** held in a database (904A). Depending on the **profile** audio, video motion pictures, video stills, video graphics, or video text segments are extracted from their storage records (920 through 925) under computer control to assemble each media (970).
Associated information such as name and address labels for the media are printed out (75).
ADVANTAGE - Improved business efficiency. Better targetting of marketing or advertising promotions.
Dwg.1/2
Title Terms: COMPILE; SYSTEM; VIDEO; TAPE; TARGET; INDIVIDUAL; GROUP; SPECIFIC; PRODUCT
Derwent Class: P85; T01; W04
International Patent Class (Main): G11B-005/86
International Patent Class (Additional): **G06F-015/22** ; G09B-007/04; G11B-005/02
File Segment: EPI; EngPI

11/5/15
DIALOG(R)File 350:Derwent WPIX

008289355
WPI Acc No: 1990-176356/199023
XRPX Acc No: N90-136921
Alternative for initial library search lists - shows one of three panels upon invocation of library search program according to user profile
Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
RD 313031	A	19900510				199023	B

Priority Applications (No Type Date): RD 90313031 A 19900420

Abstract (Basic): RD 313031 A
Upon invocation of the library search program one of three panels appears. The three panels, are dynamic list, static list, and list-description. The user's **profile** determines which panel appears.
Dynamic List **shows** a list of files which **match** a particular search pattern (set of search criteria). The dynamic list is created at the time that the library is invoked. A user uses this panel as his default when doing repetitive work. Static List shows a list of files, but was previously stored before the current invocation of the library program. List description allows the user to build a list by specifying search criteria.
USE - Lengthy search. (1pp Dwg.No.0/0
Title Terms: ALTERNATIVE; INITIAL; LIBRARY; SEARCH; LIST; SHOW; ONE; THREE; PANEL; LIBRARY; SEARCH; PROGRAM; ACCORD; USER; **PROFILE**
Derwent Class: T01
International Patent Class (Additional): **G06F-000/01**
File Segment: EPI

11/5/17
DIALOG(R)File 350:Derwent WPIX

008114357
WPI Acc No: 1990-001358/199001
XRPX Acc No: N90-000984
Spin resonance distribution determination method - automatically determines profile **distribution and selects** profiles **with minimum reduncy**
Patent Assignee: PHILIPS GLOEILAMPENFAB NV (PHIG)
Inventor: DENBOER J A; FUDERER M; OTTENBERG K; DEN BOER J A
Number of Countries: 009 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 347995	A	19891227	EP 89201596	A	19890619	199001	B
NL 8801594	A	19900116				199006	
US 4998064	A	19910305	US 89364354	A	19890601	199112	
EP 347995	B1	19941207	EP 89201596	A	19890619	199502	
DE 68919759	E	19950119	DE 619759	A	19890619	199508	
			EP 89201596	A	19890619		

Priority Applications (No Type Date): NL 881594 A 19880623
Cited Patents: 3.Jnl.Ref; DE 3718344
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 347995	A	E	19		
Designated States (Regional): CH DE FR GB IT LI NL SE					
EP 347995	B1	E	18	G01N-024/08	
Designated States (Regional): CH DE FR GB IT LI NL SE					
DE 68919759	E			G01N-024/08	Based on patent EP 347995

Abstract (Basic): EP 347995 A
Prior to image reconstruction resonance signals for the same values of the phase encoding gradient are averaged (selective averaging). The **profile** distribution is determined by the user of the method. The **profile** distribution is automatically **determined** so that the information **contents** of the image are maximum, subject to the restriction that the total number of **profiles** used to obtain the image is predetermined. During the determination of the **profile** distribution, **profiles** will be selected which have a minimum redundancy and a redundancy pattern R(ky) will be dynamically adapted as a function of the spatial frequency ky.
The redundancy of a **profile** increases as the number of times that a **profile** has been measured increases and is high when a signal-to-noise ratio associated with the **profile** is very small. If the redundancy is high, renewed measurement of a **profile** will only add comparatively little information to the MR image.
ADVANTAGE - Improved signal to noise ratio.
1/7
Title Terms: SPIN; RESONANCE; DISTRIBUTE; DETERMINE; METHOD; AUTOMATIC; DETERMINE; **PROFILE** ; DISTRIBUTE; SELECT; **PROFILE** ; MINIMUM
Derwent Class: S02; S03; S05; T01
International Patent Class (Main): G01N-024/08
International Patent Class (Additional): G01R-033/20; **G06F-015/64**
File Segment: EPI

11/5/19
DIALOG(R)File 350:Derwent WPIX

007790402 **Image available**
WPI Acc No: 1989-055514/198908
XRPX Acc No: N89-042289
Customised behaviour generating method for data processing system - provides resources to programs **depending on** determination **by retrieval device of whether cutomised version exists for current user**
Patent Assignee: WANG LAB INC (WANG)
Inventor: FITZGERALD T; SOUCIE M S; SURPRENANT C E; WALKER S; SURPRENAN C E ; SAN SOUCIE M
Number of Countries: 008 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 304072	A	19890222	EP 88113496	A	19880819	198908	B
AU 8820981	A	19890223				198916	
CA 1287173	C	19910730				199135	
US 5369778	A	19941129	US 8788176	A	19870821	199502	
			US 92915775	A	19920716		
			US 93127981	A	19930927		
EP 304072	B1	19950510	EP 88113496	A	19880819	199523	
DE 3853751	G	19950614	DE 3853751	A	19880819	199529	
			EP 88113496	A	19880819		
JP 3113658	B2	20001204	JP 88208001	A	19880822	200065	

Priority Applications (No Type Date): US 8788176 A 19870821; US 92915775 A 19920716; US 93127981 A 19930927
Cited Patents: 2.Jnl.Ref; A3...9105; JP 59058552; No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 304072	A	E	92		
Designated States (Regional): BE DE FR GB					
US 5369778	A		53	G06F-015/403	Cont of application US 8788176
					Cont of application US 92915775
EP 304072	B1	E	68	G06F-009/46	
Designated States (Regional): BE DE FR GB					
DE 3853751	G			G06F-009/46	Based on patent EP 304072
JP 3113658	B2		64	G06F-009/46	Previous Publ. patent JP 1140238

Abstract (Basic): EP 304072 A
The method includes the steps of proViding a program, the behaviour of which depends upon the content of a resource, providing an original version of the resource, copying the resource and modifying the copied resource. The modified resource is stored in a user **profile** , when the resource is required by the **program** . Then, it is **determined** , whether the resource is customisable; if the resource is customisable, then, user **profile** of the current user is checked for a copy of the required resource. If such resource exists in the user **profile** , then, the resource is provided from the user **profile** , otherwise, the original version of the resource is provided.
The system includes several types pf resources (700), resource customisation device (724) for creating modified versions of resources and retrieval device for receiving requests.
ADVANTAGE - Reduction in number of actual functions and services.
10A,10B
Title Terms: CUSTOMISATION; BEHAVE; GENERATE; METHOD; DATA; PROCESS; SYSTEM ; RESOURCE; PROGRAM; DEPEND; DETERMINE; RETRIEVAL; DEVICE; VERSION; EXIST ; CURRENT; USER
Derwent Class: T01
International Patent Class (Main): **G06F-009/46** ; **G06F-015/403**
International Patent Class (Additional): **G06F-009/44**
File Segment: EPI

11/5/20
DIALOG(R)File 350:Derwent WPIX

007133796
WPI Acc No: 1987-133793/198719
XRPX Acc No: N87-099915
Calendar display dynamic filter - is based on primary formats and secondary filter attributes together with user-specific terms, all these simply interacted and selected
Patent Assignee: ANONYMOUS (ANON)
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
RD 276034	A	19870410				198719	B

Priority Applications (No Type Date): RD 87276034 A 19870320
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
RD 276034	A		2		

Abstract (Basic): RD 276034 A

The set of primary formats of the calendar data base are six-month, month, week and list. The secondary filter attributes are terms such as holiday, vacation which are stored in the data base as bits together with a user **profile** table to expand them for ease of viewing and change.

The primary formats define the display of a time grid carrying the appointment information. The filter acts for highlighting appointments which match the secondary filter attributes. Alternatively, if the primary format is a list then the **filter** operates to **show** only those items which are tagged with secondary attributes.

ADVANTAGE - Information display allows more rapid understanding and decision-making

Title Terms: CALENDAR; DISPLAY; DYNAMIC; FILTER; BASED; PRIMARY; FORMAT; SECONDARY; FILTER; ATTRIBUTE; USER; SPECIFIC; TERM; SIMPLE; SELECT
Derwent Class: T01
International Patent Class (Additional): **G06F-000/01**
File Segment: EPI

```
Set     Items   Description
S1    7577410   PROFILE? ? OR PREFERENCE? ? OR DEMOGRAPHICS OR AGE OR GEND-
            ER OR HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR
            TOPIC? ? OR ACTOR? ? OR ACTRESS? ?)
S2      32012   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
            AST)
S3     307222   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
            DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
            OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CONTE-
            NT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SHOW? ?)
S4      24510   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
            DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
            OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(VIDEO-
            RECORD? OR MOVIE? ? OR (MOVING OR MOTION)()(PICTURE? ?) OR PR-
            OGRAMMING)
S5     543375   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
            DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
            OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(PROGR-
            AM? ? OR MEDIA OR MULTIMEDIA OR VIDEO? ? OR AUDIO OR MUSIC)
S6     248731   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
            DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
            OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CARTO-
            ON? ? OR ANIMATION? ? OR NEWS OR PHOTO? ? OR PHOTOGRAPH? ?)
S7      15284   (S1 OR S2) (10N) (S3 OR S4 OR S5 OR S6)
S8       1084   S7 NOT PY>1991
S9       1418   S7 (30N) (TV OR TELEVISION? ? OR MOVIE? ? OR SONG? ? OR VC-
            R)
S10        91   S9 NOT PY>1991
S11        68   RD (unique items)
S12      8460   FULL()SERVICE()NETWORK
S13       104   S12 NOT PY>1991
S14         4   S13 (50N) (S1 OR S2 OR S3 OR S4 OR S5 OR S6)
S15         3   RD (unique items)
S16         4   S13 (10N) TIME()WARNER
S17         4   S16 NOT S14
S18         4   RD (unique items)
File  88:Gale Group Business A.R.T.S. 1976-2005/Aug 18
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/May W5
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Aug 19
         (c) 2005 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2005/Aug 19
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Aug 18
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Aug 18
         (c) 2005  The Gale Group
File  13:BAMP 2005/Aug W1
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2005/Aug 19
         (c) 2005 Business Wire.
File 647:CMP  Computer Fulltext 1988-2005/Jul W5
         (c) 2005 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 18
         (c)2005 The Gale Group
File 634:San Jose Mercury  Jun 1985-2005/Aug 18
         (c) 2005 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 19
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(c) 2005 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2005/Aug 19
(c) 2005 The Gale group
File 75:TGG Management Contents(R) 86-2005/Aug W1
(c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 18
(c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Aug 19
(c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Aug W2
(c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Aug 19
(c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2005/Oct
(c) 2005 American Mathematical Society
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Aug 18
(c) 2005 Dialog
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
(c) 2005 The HW Wilson Co

11/3,K/1 (Item 1 from file: 88)

02302176 SUPPLIER NUMBER: 09268406
Popular music: emotional use and management.
Wells, Alan
Journal of Popular Culture, v24, n1, p105(13)
Summer, 1990
ISSN: 0022-3840 LANGUAGE: English RECORD TYPE: Citation

CAPTIONS: Favorite popular music, by gender: percent choosing music type. (table); Gender & favorite **songs** , artists by respondent's **gender** . (table); Dance frequency by **gender** . (table); Emotions **identified** in favorite **songs** , by **gender** . (table); Emotional management, by **gender** . (table)

11/3,K/3 (Item 3 from file: 88)

02281599 SUPPLIER NUMBER: 08155468
Scheduling network television programs: a heuristic audience flow approach to maximizing audience share.
Rust, Roland T.; Eechambadi, Naras V.
Journal of Advertising, v18, n2, p11(8)
Spring, 1989
ISSN: 0091-3367 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 5430 LINE COUNT: 00446

... models have been proposed in the literature. Lehmann (1971) used an economic utility approach to **predict preference** for **television programs** . These **preferences** might presumably be used to estimate choice. Darmon (1976) related viewing choice to program type...

11/3,K/12 (Item 3 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01937483
Maasta Software announces Movie Match, a cross-indexed software package that helps casual video viewers, movie buffs, and video store owners, find the right mov
News Release February 19, 1988 p. 1

... snap to use, even for novices. With an expanding data base of over 6,000 **movie** titles and 2,200 **movie** stars, **Movie Match** brings to immediate attention **movies** that **match** viewer **preferences** .
Full text available on PTS New Product Announcements.

11/3,K/14 (Item 5 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

01303856
Audio & Video: The Sharp Corporation.
DEMPA DIGEST October 7, 1985 p. 2

Sharp has introduced the VC-F7B, a VHS Hi-Fi **VCR** with HQ Dynamic Clean circuitry. It adopts 'white clip up' for a more defined **profile** and a W-function comb **filter** detail enhancer for playback and **recording** . It has a 5-event/2-wk timer, rotary heads exclusively for High Quality sound ...

11/3,K/15 (Item 6 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

00971536
R&R Entertainment has formed a service to bring music concert clips into movie theaters.
Advertising Age November 28, 1983 p. 321

... Demographic information compiled by Radio and Records will be used by Concert Cinema to target **demographics** , **matching music** clips with the appropriate **movie** audience. The music will focus on the 25-49-year-old demographic as well as..

11/3,K/16 (Item 7 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

00947852
Arbitron Ratings' new qualitative TV audience measurement system pinpoints target audiences so broadcasters and advertisers can choose the program, daypart or station that appeals to consumers of specific products.
Broadcasting May 2, 1983 p. 66

...AID was developed by Arbitron and Claritas (Arlington, Virginia) and uses a microcomputer to integrate **TV** audience estimates from Arbitron diary surveys, 100+ product-user **profiles** from Mediamark and PRIZM, Claritas' market segmentation system that **determines media** behavior and purchasing **preferences** using geography and consumer life-style patterns. The system will not be immediately available as...

1/3,K/27 (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00051183 77-03503
'HOME MOVIES' HELP MOVE HOMES
AMERICAN SALESMAN V22 N2 PP: 34-36 FEB. 1977
ISSN: 0003-0902 JRNL CODE: AMS

...ABSTRACT: AN IMPORTANT AND EFFECTIVE SALES TOOL FOR THE AGENCY. SEVERAL ADVANTAGES GAINED FROM USING THE **MOVIES** INCLUDE - 1. MORE RAPID PROPERTY SALES. 2. AN INCREASED NUMBER OF LISTINGS. 3. EQUAL COVERAGE FOR EVERYONE WHO LISTED WITH THE AGENCY. 4. WHEN A PROSPECT WALKS IN, FILMS ARE **SHOWN** OF HOMES THAT **MATCH** THEIR **INTERESTS** IN A FRACTION OF THE TIME IT WOULD TAKE TO VISIT EVEN A FEW SIMILAR...

11/3,K/33 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire

0242218 BW715

TIME WARNER CABLE: Bigelow to head Time Warner Cable Programming; New unit to coordinate Time Warner's basic cable program services

September 11, 1991

Byline: Business Editors and Television/Cable Writers

...Time
Warner Cable, who announced the appointment Wednesday.
"Time Warner's interests in basic cable **television** programming are diverse and have been under several different roofs within the company," Collins said. "We need someone of Thayer's breadth of experience to help us manage these **interests** in a more cohesive way, as well as to help **identify** new opportunities in cable **programming** . With his service as president of HBO, American **Television** and Communications (ATC) and Manhattan Cable, there is no one in the cable industry with...

11/3,K/34 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire

0176085 BW809

VORTEX TECHNOLOGY: Electronic personalized TV viewing listings announced by Vortex Technology

May 15, 1990

Byline: Business, Entertainment & Technology Editors

...sources. For example, more performer names and the film's director are usually available for **movie** listings. For **television** series, the actual episode title is provided whenever available.

Custom Viewer also offers optional "pick lists" of **programming** specially **recommended** for persons with particular **interests** , for example, "cult" or classic films. These lists can point viewers to particular **movies** or other programs they might especially like to view.

Depending on the needs of the..

11/3,K/38 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05486457 SUPPLIER NUMBER: 11422118 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Blockbuster Video America's family video store 2000. (opens 2000th video store, includes related articles and interviews) (company profile)
Speed, Marie; Flowers, Charles; Paige, Earl; Westlund, Richard
Billboard, v103, n43, pB1(13)
Oct 26, 1991
DOCUMENT TYPE: company profile ISSN: 0006-2510 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 10398 LINE COUNT: 00789

... the-art interactive computer systems designed to match a consumer's likes as proven by **past movie viewing** experiences to **videos** that might " **match** " individual **preferences** . Another goal stated is to make stores more user-friendly. Still another goal is to...

11/3,K/39 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

05227784 SUPPLIER NUMBER: 10670504 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Video on wheels. (video in bus fleets)
Kavett, Henry C.
Mass Transit, v18, n3, p40(2)
March, 1991
ISSN: 0364-3484 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 699 LINE COUNT: 00054

... current Hollywood films are available, often before they are available for viewing on pay-cable **television** channels like HBO. Operators have a choice of the type of programming they would like to **show**, so they can **match** **program** choices and packages to the passenger **demographics** of particular routes.

Among the companies currently offering video entertainment to the mass transit industry...

11/3,K/46 (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

04106268 SUPPLIER NUMBER: 07800406 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Telesphere Communications Inc. announces Prizm 900 market targeting system. (product announcement)
PR Newswire, 1025NY098
Oct 25, 1989
DOCUMENT TYPE: product announcement LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT

WORD COUNT: 447 LINE COUNT: 00038

... Callers are profiled as to their behavior, including what they buy, what they watch on **TV** , what they read and where they live. PRIZM 900 also targets the market potential of a **program** by **identifying** markets where consumers with similar **profiles** are concentrated. Applications include strategic planning, more effective marketing and media planning and pinpoint direct..

11/3,K/47 (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

03927328 SUPPLIER NUMBER: 07689209 (USE FORMAT 7 OR 9 FOR FULL TEXT)
The age of the single source.
Kamin, Howard
Review of Business, v11, n1, p23(5)
Summer, 1989
ISSN: 0034-6454 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2579 LINE COUNT: 00207

... product users, or volume consumed by program viewers is rarely used. Formal attempts by CBS- **TV** to directly **match** **program** selection to product consumption, using its "Consumer Audience **Profile** " (CAP) approach, have not been successful.

Yet, there is mounting evidence that the Traditional Single Source measurements offer an opportunity now to improve the productivity of **television** advertising purchases. Agencies and advertisers have generally resisted using this research in the past. There...

11/3,K/49 (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

03324139 SUPPLIER NUMBER: 06086325 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Boosting sales using CIA. (Marketing Management - consumer information analysis)
Forbes, Paul M.
National Petroleum News, v79, n11, p81(1)
Nov, 1987
ISSN: 0149-5267 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 984 LINE COUNT: 00079

... address; household ownership; number of people in the dwelling; distance from home to work.

Now **determine** their **media preferences** : radio stations listened to and when; **TV** news watched, time and channel; favorite program; newspaper read daily and number of minutes spent...

11/3,K/57 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01314762 SUPPLIER NUMBER: 07804454 (USE FORMAT 7 OR 9 FOR FULL TEXT)
For a good time, call AI man. (artificial intelligence)
Newquist, Harvey P. III
AI Expert, v4, n10, p63(2)
Oct, 1989
ISSN: 0888-3785 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1211 LINE COUNT: 00092

... then makes it available to the user whenever it is convenient to catch up on **TV** watching. SmarTV interviews the user and creates a profile of likes and dislikes, creating an expert reviewer, and then scans through a computer compilation of the week's **programming** , sorting available selections to **match** the **profile** with specific **programs** . **Shows** are automatically recorded for the viewer, who can access those shows by looking over an...

11/3,K/65 (Item 7 from file: 484)
DIALOG(R)File 484:Periodical Abs Plustext

00000482
Healers and Heartbreakers: Images of Women and Men in Country Music
Saucier, Karen A
Journal of Popular Culture (GJPC), v20 n3, p147-166
Winter 1986
ISSN: 0022-3840 JOURNAL CODE: GJPC
DOCUMENT TYPE: Feature
LANGUAGE: English RECORD TYPE: Abstract
LENGTH: Long (31+ col inches)

ABSTRACT: The **gender** roles presented in country **music** are **identified** and linked to theoretical perspectives on **gender** stratification generally and to the concepts of status, role and power. Content analysis is used to identify themes in country music **songs** and the images of men and women as depicted in the music are explored.

11/3,K/66 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire

0213567 NY098
TELESPHERE ANNOUNCES PRIZM 900 MARKET TARGETING SYSTEM

DATE: October 25, 1989 14:04 E.T. WORD COUNT: 392

...Callers are profiled as to their
behavior, including what they buy, what they watch on **TV** , what they read
and where they live. PRIZM 900 also targets the market potential of a
program by **identifying** markets where consumers with similar **profiles** are
concentrated. Applications include strategic planning, more effective
marketing and media planning and pinpoint direct...

18/3,K/1 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications

0575654
FASTER, SMALLER, CHEAPER
PETER COY
Business Week, Special 1994 Bonus Issue, Pg 54
THE INFORMATION REVOLUTION
JOURNAL CODE: BW
SECTION HEADING: THE ENABLING TECHNOLOGY: OVERVIEW ISSN: 0007-7135
WORD COUNT: 2,064

TEXT:

... expensive than the tree-and-branch distribution system of today's typical cable-TV operator. **Time Warner** Inc. is discovering as much in its `` **full - service network** " trial in Orlando, which is being delayed six months or more, to late this year...

```
Set     Items   Description
S1    1061342   PROFILE? ? OR PREFER? OR DEMOGRAPHICS OR AGE OR GENDER OR -
            HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR TOPIC?
             ? OR ACTOR? ? OR ACTRESS? ?)
S2        590   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
            AST)
S3    5230834   CONTENT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SH-
            OW? ? OR PROGRAM? ? OR MEDIA OR MULTIMEDIA OR VIDEO? ? OR AUD-
            IO OR MUSIC OR VIDEORECORD? OR MOVIE? ? OR FILM? ? OR (MOVING
            OR MOTION)()(PICTURE? ?) OR PROGRAMMING OR CARTOON? ? OR ANIM-
            ATION? ? OR N
S4     496034   (MATCH? OR DETERMIN? OR DISCERN? OR IDENTIFY OR IDENTIFIE?
            ? OR IDENTIFYING OR DEDUC? OR PREDICT? OR RECOMMEND? OR FILTE-
            R?)(5N)S3
S5     493879   (S1 OR S2) AND S3
S6      16185   S5 AND IC=G06F
S7        737   S6 AND AY=1963:1991
S8      66283   S1 AND S4
S9       5394   S8 AND IC=G06F
S10       286   S9 AND AY=1963:1991
S11       742   S8 AND IC=(G06F-001 OR G06F-003 OR G06F-013)
S12        62   S11 AND AY=1963:1991
S13        62   IDPAT (sorted in duplicate/non-duplicate order)
S14        62   IDPAT (primary/non-duplicate records only)
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200553
        (c) 2005  Thomson Derwent
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14/5/3
DIALOG(R)File 350:Derwent WPIX

009527607 **Image available**
WPI Acc No: 1993-221147/199328
XRPX Acc No: N93-169478

Interactive electronic system for promoting selected products in department stores and similar venues - uses network of interactive terminals, departmental display screens and cash registers to inform customers and record and process sales and customer information.

Patent Assignee: EMQUAD INT DIV FRANCE SARL (EMQU-N)
Inventor: WRIGHT K
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
FR 2682502	A1	19930416	FR 9112715	A	19911010	199328	B

Priority Applications (No Type Date): FR 9112715 A 19911010
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
FR 2682502	A1		11	G06F-003/06	

Abstract (Basic): FR 2682502 A

The system consists of, first, the combination of one or more interactive terminals (2), display screens (3) installed in the store's departments near products being promoted, and displaying static or moving images of them, and cash registers (4) equipped to rear the discount cards and print personalised messages on the backs of cash receipts.

Each terminal (2) is provided with a screen (9), keyboard (10), a reader (11) of regular-customer discount cards (1) and a printer (12) to print personalised documents (13). The interactive terminals (2), departmental display screens and cash registers are all linked to a computer system (6). This is designed to help customers benefit from promotions, to **record** and process sales and customer details and to provide sales and customer statistics.

ADVANTAGE - Enables stores to **identify** customer characteristics and **preferences** and to target them with goods being promoted.

Dwg.1/1

Title Terms: INTERACT; ELECTRONIC; SYSTEM; PROMOTE; SELECT; PRODUCT; DEPARTMENT; STORAGE; SIMILAR; NETWORK; INTERACT; TERMINAL; DEPARTMENT; DISPLAY; SCREEN; CASH; REGISTER; INFORMATION; CUSTOMER; RECORD; PROCESS; SALE; CUSTOMER; INFORMATION
Derwent Class: P85; T01; T04; T05
International Patent Class (Main): **G06F-003/06**
International Patent Class (Additional): G06K-019/00; G09F-023/06
File Segment: EPI; EngPI

14/5/4
DIALOG(R)File 350:Derwent WPIX

009442441 **Image available**
WPI Acc No: 1993-135958/199317
Related WPI Acc No: 1990-328723
XRPX Acc No: N93-103680
Graphical user interface with gesture recognition - involves interface profiles which contain mappings of input messages representative of input signals.
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: AN Y L; ARBEITMAN G W; GREANIAS E C; TANNENBAUM A R; VERRIER G F; ZETTS J M
Number of Countries: 004 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 538705	A1	19930428	EP 92117403	A	19921012	199317	B
US 5252951	A	19931012	US 89344879	A	19890428	199342	
			US 91779702	A	19911021		

Priority Applications (No Type Date): US 91779702 A 19911021; US 89344879 A 19890428
Cited Patents: 02Jnl.Ref; EP 394614
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 538705	A1	E	34	G06F-003/033	
Designated States (Regional): DE FR GB					
US 5252951	A		28	G09G-005/00	CIP of application US 89344879

Abstract (Basic): EP 538705 A

The apparatus comprises interface **profiles** which contain mappings of input signals against the corresponding commands useable by at least one of the number of application **programs** . An environment link module is coupled to the **profiles** , the integrated operating environment and window of a number of windows belonging to one of the number of application **programs** in which a key feature was made by a painting device.

Input messages are **matched** against the corresponding commands in the interface **profiles** according to the application **program** that owns the window.

ADVANTAGE - Allows number of application **programs** to be running simultaneously.

Dwg.2

Title Terms: GRAPHICAL; USER; INTERFACE; RECOGNISE; INTERFACE; **PROFILE** ; CONTAIN; INPUT; MESSAGE; REPRESENT; INPUT; SIGNAL
Derwent Class: P85; T01
International Patent Class (Main): **G06F-003/033** ; G09G-005/00
International Patent Class (Additional): **G06F-003/023** ; G06F-009/44
File Segment: EPI; EngPI

14/5/6
DIALOG(R)File 350:Derwent WPIX

009214761 **Image available**
WPI Acc No: 1992-342181/199242
XRPX Acc No: N92-260987

Interchanging multi-media data within data processing system - by establishing and then subdividing sequential data stream into consecutive sections, with multi-media data samples disposed within each consecutive section

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: BONSALL G W; CRIPPS A G; PASCOE R A; PEEK C L
Number of Countries: 007 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 508925	A2	19921014	EP 92480025	A	19920226	199242	B
CA 2061128	A	19921011	CA 2061128	A	19920212	199301	
JP 4329735	A	19921118	JP 923955	A	19920113	199301	
US 5268846	A	19931207	US 91683353	A	19910410	199350	
CA 2061128	C	19961203	CA 2061128	A	19920212	199708	
EP 508925	A3	19970226	EP 92480025	A	19920226	199717	
EP 508925	B1	20011107	EP 92480025	A	19920226	200169	
DE 69232184	E	20011213	DE 632184	A	19920226	200205	
			EP 92480025	A	19920226		

Priority Applications (No Type Date): US 91683353 A 19910410
Cited Patents: No-SR.Pub; 4.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 508925	A2	E	10	H04L-029/02	
Designated States (Regional): DE FR GB IT					
CA 2061128	A			G06F-009/00	
JP 4329735	A		8	H04L-029/08	
US 5268846	A		8	H04L-029/00	
CA 2061128	C			G06F-009/00	
EP 508925	A3			H04L-029/02	
EP 508925	B1	E		H04L-012/00	
Designated States (Regional): DE FR GB IT					
DE 69232184	E			H04L-012/00	Based on patent EP 508925

Abstract (Basic): EP 508925 A

A sequential data stream is first established and then subdivided into a number of consecutive sections. A number of **multimedia** data samples are disposed within each of the consecutive data sections. At least one **multimedia** data sample comprises a collection of data and a control structure for specifying a manner of interpreting the collection of data.

A collection index associated with the sequential data structure is created. The collection index **identifies** a location for each of the **multimedia** data samples within the sequential data stream. The data samples may be arranged in a non-sequential manner within the sequential data stream. The collection index and the sequential data stream are transmitted togther.

ADVANTAGE - Allows efficient and accurate non-sequntial interchange of **multimedia** data.

Dwg.1/4

Title Terms: INTERCHANGE; MULTI; MEDIUM; DATA; DATA; PROCESS; SYSTEM; ESTABLISH; SUBDIVIDED; SEQUENCE; DATA; STREAM; CONSECUTIVE; SECTION; MULTI; MEDIUM; DATA; SAMPLE; DISPOSABLE; CONSECUTIVE; SECTION
Derwent Class: T01; W01; W03; W04
International Patent Class (Main): G06F-009/00; H04L-012/00; H04L-029/00; H04L-029/02; H04L-029/08
International Patent Class (Additional): **G06F-013/00** ; H04L-012/28;

14/5/7
DIALOG(R)File 350:Derwent WPIX

009158991 **Image available**
WPI Acc No: 1992-286429/199235
XRPX Acc No: N92-219238
Preferential **recording system of facsimile apparatus - includes transmitter and receiver with priority and time control units to allow priority handling of messages**
Patent Assignee: MATSUSHITA GRAPHIC COMMUNICATI (MATY); FUJITSU LTD (FUIT); MATSUSHITA GRAPHIC COMMUNICATION SYSTEMS INC (MATY)
Inventor: OGAWA S
Number of Countries: 005 Number of Patents: 006
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 500345	A2	19920826	EP 92301367	A	19920219	199235	B
JP 4266263	A	19920922	JP 9147670	A	19910220	199244	
EP 500345	A3	19930113	EP 92301367	A	19920219	199346	
EP 500345	B1	19960828	EP 92301367	A	19920219	199639	
DE 69213046	E	19961002	DE 613046	A	19920219	199645	
			EP 92301367	A	19920219		
US 5608540	A	19970304	US 92838342	A	19920220	199715	
			US 94303876	A	19940909		

Priority Applications (No Type Date): JP 9147670 A 19910220
Cited Patents: No-SR.Pub; DE 3415839; EP 436238; US 5065426
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 500345	A2	E	18	H04N-001/00	
Designated States (Regional): DE FR GB					
JP 4266263	A		8	H04N-001/32	
EP 500345	B1	E	19	H04N-001/00	
Designated States (Regional): DE FR GB					
DE 69213046	E			H04N-001/00	Based on patent EP 500345
US 5608540	A		17	H04N-001/00	Cont of application US 92838342
EP 500345	A3			H04N-001/00	

Abstract (Basic): EP 500345 A
The system includes both the transmission and reception functions of a facsimile machine. Priority and/or time-setting data is associated with each message to be transmitted to indicate the way it is to be treated upon reception. The relevant controlling data is set into a non-standard facilities set-up (NSS) signal transmitted as part of the message.
The transmitter contains a priority/time setting unit and the receiver has a priority/time decision unit to ensure that priority or time-set messages are handled accordingly rather than on a single queue basis.
ADVANTAGE - Allows handling of facsimile messages to be arranged on priority and time-set basis.
Dwg. 2A/7
Title Terms: **PREFER** ; RECORD; SYSTEM; FACSIMILE; APPARATUS; TRANSMIT; RECEIVE; PRIORITY; TIME; CONTROL; UNIT; ALLOW; PRIORITY; HANDLE; MESSAGE
Derwent Class: W02
International Patent Class (Main): H04N-001/00; H04N-001/32
International Patent Class (Additional): **G06F-003/06** ; H04N-001/21
File Segment: EPI

14/5/16
DIALOG(R)File 350:Derwent WPIX

008441723 **Image available**
WPI Acc No: 1990-328723/199044
Related WPI Acc No: 1993-135958
XRPX Acc No: N90-251675

Advanced user interface for an integrated operating environment - runs several application programs simultaneously on computer system, only one of which is active at any given time

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: AN Y L; ARBEITMAN G W; GREANIAS E C; TANNENBAUM A R; VERRIER G F; GREANIAS E
Number of Countries: 007 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 394614	A	19901031	EP 90101292	A	19900123	199044	B
CA 2007411	A	19901028				199104	
JP 3020812	A	19910129	JP 90110657	A	19900427	199110	
US 5157384	A	19921020	US 89344879	A	19890428	199245	
EP 394614	A3	19920902	EP 90101292	A	19900123	199338	
EP 394614	B1	19960410				199619	
DE 69026417	E	19960515	DE 626417	A	19900123	199625	
			EP 90101292	A	19900123		
CA 2007411	C	19980421	CA 2007411	A	19900109	199827	

Priority Applications (No Type Date): US 89344879 A 19890428
Cited Patents: NoSR.Pub; EP 304891
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 394614	A		2		
Designated States (Regional): DE FR GB IT					
US 5157384	A		20	G09G-005/00	
EP 394614	A3		2		
EP 394614	B1	E	24	G06F-003/033	
Designated States (Regional): DE FR GB IT					
DE 69026417	E			G06F-003/033	Based on patent EP 394614
CA 2007411	C			G06F-009/46	

Abstract (Basic): EP 394614 A

The interface operates with a computer system. The computer system has a central processor, a random access memory, a display and at least one input device which transmits input signals to the advanced user interface in response to user actions.

An alternative input subsystem module translates the input signals to input messages. Interface **profiles** contain mappings of the input messages against corresp. commands useable by at least one of the application **programs** . An environment link module receives the input messages and **matches** them against the interface **profile** commands for the active application **program** . These commands are sent to an appropriate computer module in RAM.

ADVANTAGE - Allows user to select one or more input devices to input data into computer running **program** for different input device. (2pp Dwg.No.1/8)

Title Terms: ADVANCE; USER; INTERFACE; INTEGRATE; OPERATE; ENVIRONMENT; RUN ; APPLY; PROGRAM; SIMULTANEOUS; COMPUTER; SYSTEM; ONE; ACTIVE; TIME
Derwent Class: P85; T01
International Patent Class (Main): **G06F-003/033** ; G06F-009/46; G09G-005/00
International Patent Class (Additional): **G06F-003/023** ; **G06F-003/03** ; G06F-009/44
File Segment: EPI; EngPI

14/5/18
DIALOG(R)File 350:Derwent WPIX

008276897 **Image available**
WPI Acc No: 1990-163898/199021
XRPX Acc No: N90-127217

Collecting response of audience e.g. in TV quiz - holding response and time of response in memory for later analysis via interface

Patent Assignee: RIGHT HEMISPHERE PTY LTD (RIGH-N); RIGHT HEMISPHERE PT (RIGH-N); VOGEL P S (VOGE-I)
Inventor: VOGEL P S
Number of Countries: 014 Number of Patents: 012
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9004439	A	19900503				199021	B
AU 8944263	A	19900514				199031	
EP 439495	A	19910807	EP 89911748	A	19891020	199132	
JP 4501075	W	19920227	JP 89510946	A	19891020	199215	
AU 636583	B	19930506	AU 8944263	A	19891020	199325	
AU 9348894	A	19940113	AU 8944263	A	19891020	199408	N
			AU 9348894	A	19931008		
AU 654631	B	19941110	AU 9348894	A	19931008	199445	N
			AU 8944263	A			
US 5453015	A	19950926	WO 89AU457	A	19891020	199544	
			US 92684894	A	19920529		
EP 439495	B1	19980107	EP 89911748	A	19891020	199806	
			WO 89AU457	A	19891020		
DE 68928534	E	19980212	DE 628534	A	19891020	199812	
			EP 89911748	A	19891020		
			WO 89AU457	A	19891020		
US 5795161	A	19980818	US 92684894	A	19920529	199840	
			US 95484898	A	19950607		
US 6135777	A	20001024	US 92684894	A	19920529	200055	
			US 95484898	A	19950607		
			US 97988351	A	19971210		

Priority Applications (No Type Date): AU 881083 A 19881020; AU 8944263 A ; AU 9348894 A 19931008; WO 89AU457 A 19891020
Cited Patents: EP 10794; EP 214315; GB 2184029; US 3718759; US 3771240; US 4122498; US 4745468; WO 8607277
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9004439	A				
Designated States (National): AU JP US					
Designated States (Regional): AT BE CH DE FR GB IT LU NL SE					
EP 439495	A				
Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE					
JP 4501075	W		15		Based on patent WO 9004439
AU 636583	B			A63F-009/18	Previous Publ. patent AU 8944263 Based on patent WO 9004439
AU 9348894	A			G04F-010/04	Div ex application AU 8944263
AU 654631	B			G04F-010/04	Div ex application AU 8944263 Previous Publ. patent AU 9348894
US 5453015	A		20	G09B-003/00	Based on patent WO 9004439
EP 439495	B1	E	22	A63F-009/18	Based on patent WO 9004439
Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE					
DE 68928534	E			A63F-009/18	Based on patent EP 439495 Based on patent WO 9004439
US 5795161	A			G09B-003/00	CIP of application US 92684894 CIP of patent US 5453015
US 6135777	A			G09B-003/00	CIP of application US 92684894 Div ex application US 95484898 CIP of patent US 5453015 Div ex patent US 5795161

Abstract (Basic): WO 9004439 A

A system is provided for **recording** and evaluating audience responses. Data **identifying** responses from a membrane switch array (5) and timing information generated by a timer (3) is stored in a memory (4), for later recall, under the influence of a controller (1), which may be a programmed microprocessor or an application-specific integrated circuit.

An interface (6) is provided to allow the **contents** of the memory, the value of the timer and the frequency of the clock (2) to be recalled and examined. When the responses are recalled the associated timing information can be used to verify that the response was made within the time period allowed.

USE/ADVANTAGE - Audience response to quiz **shows** , contests or debates. Timer element eliminates cheating. (43pp Dwg.No.1/10)

Title Terms: COLLECT; RESPOND; AUDIENCE; TELEVISION; QUIZ; HOLD; RESPOND; TIME; RESPOND; MEMORY; LATE; ANALYSE; INTERFACE
Derwent Class: P36; P85; T01; T05; W04
International Patent Class (Main): A63F-009/18; G04F-010/04; G09B-003/00
International Patent Class (Additional): A63F-009/22; A63F-009/24; **G06F-003/03** ; G06F-015/20; G06F-017/00; G09B-007/00; H04H-009/00
File Segment: EPI; EngPI

14/5/22
DIALOG(R)File 350:Derwent WPIX

008182246 **Image available**
WPI Acc No: 1990-069247/199010
XRPX Acc No: N90-052998
I-O device service alert function - generates service alert message if peripheral subsystem has been disrupted
Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: COALE J L
Number of Countries: 005 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 357573	A	19900307	EP 89850236	A	19890724	199010	B
BR 8904416	A	19900417				199020	
US 4922491	A	19900501	US 88239154	A	19880901	199022	
EP 357573	B1	19950913	EP 89850236	A	19890724	199541	
DE 68924226	E	19951019	DE 624226	A	19890724	199547	
			EP 89850236	A	19890724		

Priority Applications (No Type Date): US 88239154 A 19880901
Cited Patents: 5.Jnl.Ref; A3...9130; No-SR.Pub; US 3704363
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 357573	A	E	21		
Designated States (Regional): DE FR GB					
EP 357573	B1	E	23	G06F-011/00	
Designated States (Regional): DE FR GB					
DE 68924226	E			G06F-011/00	Based on patent EP 357573

Abstract (Basic): EP 357573 A

The Problem Description procedure creates from stored rules a view of the Subsystem Environment data base relevant to the exception event, and developer a Problem **Profile** (**record**) describing the exception event. The Problem Profile **record** is compared to the Problem Profile data base to **determine** if the current exception event relates to a problem already **recorded** in the data base. If a **match** is found, the **matching record** is updated with new information from the current **record** . Otherwise, the current **record** is entered as a new problem. If the Problem Profile indicates that the exception event is a repeat of a problem already **recorded** in the Problem Profile data base, the **matching** profile **record** is updated to reflect the new Problem Profile data. A Problem Evaluation procedure is conditionally invoked.

The Problem Evaluation procedure is not invoked if the updated problem **record** (not the new Problem **Profile**) from the Problem **Profile** data base has already been reported to the host system and a service action is pending. If operations of the peripheral subsystem have been disrupted or degraded beyond the limits of acceptable subsystem performance, a service alert message is generated. The service alert message is inserted into the Problem **Profile record** in the Problem **Profile** data base, and the service alert message is transmitted to the host system. The service alert message contains a variety of information for the subsystem user and for the repair technician.

ADVANTAGE - Eliminates need for external manual process.

2/5

Title Terms: I-O; DEVICE; SERVICE; ALERT; FUNCTION; GENERATE; SERVICE; ALERT; MESSAGE; PERIPHERAL; SUBSYSTEM; DISRUPT
Derwent Class: T01
International Patent Class (Additional): G06F-011/22; **G06F-013/10**
File Segment: EPI

14/5/23
DIALOG(R)File 350:Derwent WPIX

008180406 **Image available**
WPI Acc No: 1990-067407/199010
XRPX Acc No: N91-039848

Managing host to work-station file transfer - transfers multiple files by constructing appropriate data structures and file names for each file

Patent Assignee: IBM CORP (IBMC); INT BUSINESS MACHINES CORP (IBMC)
Inventor: PETERS A M; SEHORNE M A
Number of Countries: 006 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
BR 8902762	A	19900201				199010	B
EP 413074	A	19910220	EP 89480128	A	19890816	199108	N
US 4999766	A	19910312	US 88205969	A	19880613	199113	
EP 413074	B1	19960327	EP 89480128	A	19890816	199617	
DE 68926114	E	19960502	DE 626114	A	19890816	199623	N
			EP 89480128	A	19890816		

Priority Applications (No Type Date): US 88205969 A 19880613; EP 89480128 A 19890816; DE 626114 A 19890816
Cited Patents: 3.Jnl.Ref
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 413074	A				
Designated States (Regional): DE FR GB IT					
EP 413074	B1	E	24	G06F-015/16	
Designated States (Regional): DE FR GB IT					
DE 68926114	E			G06F-015/16	Based on patent EP 413074

Abstract (Basic): EP 413074 A

The data processing system comprises a memory, a data storage device and running under one of a number of operating systems, and a work station. The work station has a memory, a display, a keyboard including a number of function keys and a data storage device with a resident **profile** table comprising appropriate data structures and names for mapping a file on the work station to a file on the host computer depending on the operating system under which the host computer is running.

A method of transferring the file from the data storage device of the work station to the data storage device of the host computer comprises the steps of: accessing the **profile** table to determine an appropriate data structure and file name for the file when transferred to the data storage device of the host computer. The appropriate data structure and file name for the file is constructed. The file, is transferred with the appropriate data structure and file name from the data storage device of the work station to the data storage device on the host computer.

ADVANTAGE - Maintains consistant filename conventions between files exending on multiple host and work stations. (First major country equivalent to BR8902762)

Dwg.1/9

BR 8902762 A

The data processing system comprises a memory, a data storage device and running under one of a number of operating systems, and a workstation.

The workstation has a memory, a display, a keyboard including a number of function keys and a data storage device with a resident **profile** table comprising appropriate data structures and names for mapping a file on the workstation to a file on the host computer depending on the operating system under which the host computer is running. A method of transferring the file from the data storage device

of the workstation to the data storage device of the host computer comprises the steps of: accessing the **profile** table to determine an appropriate data structure and file name for the file when transferred to the data storage device of the host computer.

The appropriate data structure and file name for the file is constructed.

The file, is transferred with the appropriate data structure and file name from the data storage device of the workstation to the data storage device on the host computer. ADVANTAGE - Maintains consistant filename conventions between files exending on multiple host and workstations.

(First major country equivalent to BR8902762) (23pp Dwg.No.1/9

Title Terms: MANAGE; HOST; WORK; STATION; FILE; TRANSFER; TRANSFER; MULTIPLE; FILE; CONSTRUCTION; APPROPRIATE; DATA; STRUCTURE; FILE; NAME; FILE

Derwent Class: T01

International Patent Class (Main): G06F-015/16

International Patent Class (Additional): **G06F-013/14**

File Segment: EPI

14/5/28
DIALOG(R)File 350:Derwent WPIX

007874281 **Image available**
WPI Acc No: 1989-139393/198919
XRPX Acc No: N89-106446

Distributed computer system e.g. for meterogenous environment - has garbage collector which periodically numerates interest data base to delete invalidated interest entries

Patent Assignee: XEROX CORP (XERO)
Inventor: SWINEHART D C; TERRY D B
Number of Countries: 005 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 315426	A	19890510	EP 88310296	A	19881102	198919	B
US 4914586	A	19900403	US 87118493	A	19871106	199019	
EP 315426	B1	19960327	EP 88310296	A	19881102	199617	
DE 3855152	G	19960502	DE 3855152	A	19881102	199623	
			EP 88310296	A	19881102		

Priority Applications (No Type Date): US 87118493 A 19871106
Cited Patents: 4.Jnl.Ref; A3...9048; No-SR.Pub
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 315426	A	E	17		
Designated States (Regional): DE FR GB IT					
EP 315426	B1	E	15	G06F-017/30	
Designated States (Regional): DE FR GB IT					
DE 3855152	G			G06F-017/30	Based on patent EP 315426

Abstract (Basic): EP 315426 A

The database (41) of **interests** is maintained in a distributed computing system to register the individual **interests** of users in centrally-stored non-textual media files, such as digital voice, music, scanned-in image, and video files. Uniquely-named piece table style persistent data structures are employed to give users controlled access to the underlying non-textual media files by embedded name reference to such tables in ordinary message or text files, so a database of piece tables is also maintained.

A garbage collector periodically enumerates the interest database to delete interest entries which have been invalidated. Aged piece tables are deleted from the reference database when there no longer are any recorded **interests** referring to them, and non-textual media files are deleted to reclaim the storage space allocated to them when there no longer are any piece tables referring to them.

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Title Terms: DISTRIBUTE; COMPUTER; SYSTEM; ENVIRONMENT; GARBAGE; COLLECT; PERIOD; INTEREST; DATA; BASE; DELETE; INVALID; INTEREST; ENTER
Derwent Class: T01
International Patent Class (Main): G06F-017/30
International Patent Class (Additional): **G06F-003/16** ; G06F-012/02; G06F-015/40
File Segment: EPI

14/5/32
DIALOG(R)File 350:Derwent WPIX

007638589 **Image available**
WPI Acc No: 1988-272521/198839
XRPX Acc No: N88-206997
Data storage medium e.g. for optical disc recorder **- has addressable storage areas for directory and for storing user data arranged in files and** identified **by control data**
Patent Assignee: INT BUSINESS MACHINES CORP (IBMC); IBM CORP (IBMC)
Inventor: FLANNAGAN W J; KERN R M; KULAKOWSKI J E; WAGNER R E
Number of Countries: 007 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 284037	A	19880928	EP 88104641	A	19880323	198839	B
BR 8801415	A	19881101				198849	
US 4827462	A	19890502	US 8730393	A	19870326	198920	
CA 1281424	C	19910312				199116	
US 5119291	A	19920602	US 8730393	A	19870326	199225	
			US 88268445	A	19881108		
			US 90517287	A	19900501		
EP 284037	A3	19930303	EP 88104641	A	19880323	199349	
EP 284037	B1	19971229	EP 88104641	A	19880323	199805	
DE 3856090	G	19980205	DE 3856090	A	19880323	199811	
			EP 88104641	A	19880323		

Priority Applications (No Type Date): US 8730393 A 19870326; US 88268445 A 19881108; US 90517287 A 19900501
Cited Patents: No-SR.Pub; 2.Jnl.Ref; EP 73330; US 4468728; US 4575827; US 4601012; US 4611272; US 4633393
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 284037	A	E	37		
Designated States (Regional): DE FR GB IT					
US 4827462	A		32		
US 5119291	A		22	G06F-012/00	Div ex application US 8730393 Cont of application US 88268445 Div ex patent US 4827462
EP 284037	B1	E	31	G11B-027/28	
Designated States (Regional): DE FR GB IT					
DE 3856090	G			G11B-027/28	Based on patent EP 284037

Abstract (Basic): EP 284037 A

The data storage medium has several directory header control blocks (50, 72) logically linked in a linked list, each block having two portions. Several directory segment sets (52, 74) are included, each set having a given number of directory segments for storing control data and address data, respectively, describing by filenames and pointing to respective files (66) by addresses of the addressable storage areas for storing user data. The first portion of each directory header control block has the address pointer (59, 62, 63) of respectivee directory segments.

All segments in a one set are pointed to by the address pointers in a respective directory header control block. The second portion of each directory header control block has filenamess for the control data of one directory segment set other than the directory segment set pointed to by the first portion of the same directory header control block.

ADVANTAGE - Accommodates expandable modular directory for handling multiple versions of data while minimising software overhead.

Title Terms: DATA; STORAGE; MEDIUM; OPTICAL; DISC; **RECORD** ; ADDRESS; STORAGE; AREA; DIRECTORY; STORAGE; USER; DATA; ARRANGE; FILE; **IDENTIFY** ; CONTROL; DATA

14/5/45
DIALOG(R)File 350:Derwent WPIX

004347998
WPI Acc No: 1985-174876/198529
XRPX Acc No: N85-142687
Distributed interactive data processing system - has ability to allow concurrent multi-lingual use by users with different nation language preferences
Patent Assignee: IBM CORP (IBMC)
Number of Countries: 005 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 60103848	A	19850608	JP 84207242	A	19840104	198529	B
EP 150273	A	19850807	EP 84112622	A	19841019	198532	
EP 150273	B	19900912				199037	
DE 3483206	G	19901018				199043	

Priority Applications (No Type Date): US 83549768 A 19831108
Cited Patents: A3...8617; EP 76909; GB 1363910; No-SR.Pub; US 4130882; EP 14312
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 60103848	A		11		
EP 150273	A	E			
Designated States (Regional): DE FR GB IT					
EP 150273	B				
Designated States (Regional): DE FR GB IT					

Abstract (Basic): JP 60103848 A

A message model data collection is established by storage via a message **identifier** primary key that is common to all usage and a secondary key that is the national language index. A centrla message service comprises messages from models received from the collection and the composed messages are communicated to users in their language pref. At a sending node, the system **determines** the identification of the message to be sent and the names of the variables in the message as well as their **content** , and the identification of the user and the node to receive the message. The message identification, the names of the variables in the message and their **content** are sent tothe **identified** receiving node. At this node, the system places the variable data in the correct variables to form a message model and, using the central message service, comprises a message using the secondary key. The composed message is communicated to the user in the national language **identified** by the key. (First major country equivalent to J60103848)

0/1

Title Terms: DISTRIBUTE; INTERACT; DATA; PROCESS; SYSTEM; ABILITY; ALLOW; CONCURRENT; MULTI; LINGUAL; USER; NATION; LANGUAGE
Derwent Class: T01; T04; W01
International Patent Class (Additional): **G06F-003/02** ; G06F-015/20; H04L-011/00; H04L-013/00
File Segment: EPI

14/5/53
DIALOG(R)File 350:Derwent WPIX

004007551
WPI Acc No: 1984-153093/198425
XRPX Acc No: N84-113649

Parameter storage arrangement e.g. for building heating system - automatically stores time and temp. data in memory for use in further processing and has alphanumeric display

Patent Assignee: LICENTIA PATENT-VERW GMBH (LICN)
Inventor: BERNHARDT H; KOLLER H; SEYER R; SIEBERT H E
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3245348	A	19840614	DE 3245348	A	19821208	198425	B

Priority Applications (No Type Date): DE 3245348 A 19821208
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3245348	A		16		

Abstract (Basic): DE 3245348 A

A text store contains all the basic information essential to the user for **determining** the operating parameters of a system e.g. the temperature time **profile** of rooms of a building. In the text store, the names of basic functions such as time- **programming** , the time of day, day of week room temperature etc. are held ready for display in clear text in a visual display so that they can be selected, for **programming** parameters.

Read-out of the texts held in store is effected by a microcomputer of the control mechanism through a bus. Instructions input to the micro-computer for processing are input through selection operating elements. Pref. the alphanumeric clear text display is split into a first section for the selectable basic functions and specifying data and a second section for actually selected basic functions.

0/3

Title Terms: PARAMETER; STORAGE; ARRANGE; BUILD; HEAT; SYSTEM; AUTOMATIC; STORAGE; TIME; TEMPERATURE; DATA; MEMORY; PROCESS; ALPHANUMERIC; DISPLAY
Derwent Class: T01; T04; X27
International Patent Class (Additional): **G06F-003/02**
File Segment: EPI

```
Set     Items   Description
S1      42549   PROFILE? ? OR PREFERENCE? ? OR DEMOGRAPHICS OR AGE OR GEND-
             ER OR HOBBY OR HOBBIES OR INTERESTS OR LANGUAGE? ? OR FAVORIT-
             E()(GENRE? ? OR TOPIC? ? OR ACTOR? ? OR ACTRESS? ?)
S2        356   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
             AST)
S3    1524861   CONTENT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SH-
             OW? ? OR PROGRAM? ? OR MEDIA OR MULTIMEDIA OR VIDEO? ? OR AUD-
             IO OR MUSIC OR VIDEORECORD? OR MOVIE? ? OR (MOVING OR MOTION)-
             ()(PICTURE? ?) OR PROGRAMMING OR CARTOON? ? OR ANIMATION? ? OR
              NEWS OR PHOT
S4     115720   (MATCH? OR DETERMIN? OR DISCERN? OR IDENTIFY OR IDENTIFIE?
             ? OR IDENTIFYING OR DEDUC? OR PREDICT? OR RECOMMEND? OR FILTE-
             R?)(5N)S3
S5      14086   (S1 OR S2) AND S3
S6       7411   S5 AND IC=G06F
S7       2004   S6 AND PY=1976:1991
S8      13951   S1 AND S3
S9       1723   S1 AND S4
S10       973   S9 AND IC=G06F
S11       188   S10 AND PY=1976:1991
S12       446   S9 AND IC=(G06F-001 OR G06F-003 OR G06F-013 OR H04N-005)
S13        55   S12 AND PY=1976:1991
S14        55   IDPAT (sorted in duplicate/non-duplicate order)
S15        55   IDPAT (primary/non-duplicate records only)
File 347:JAPIO Nov 1976-2005/Apr(Updated 050801)
        (c) 2005 JPO & JAPIO
```

15/5/1
DIALOG(R)File 347:JAPIO

03590989 **Image available**
ACOUSTIC DEVICE WITH VIDEO COMPOSING FUNCTION

PUB. NO.: 03-253889 [JP 3253889 A]
PUBLISHED: November 12, 1991 (**19911112)**
INVENTOR(s): FUNABASHI YASUHIRO
APPLICANT(s): BROTHER IND LTD [000526] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-052461 [JP 9052461]
FILED: March 02, 1990 (19900302)
INTL CLASS: [5] G09G-005/00; G10K-015/04; G11B-027/34; **H04N-005/222**
JAPIO CLASS: 44.9 (COMMUNICATION -- Other); 42.5 (ELECTRONICS -- Equipment); 44.6 (COMMUNICATION -- Television)
JAPIO KEYWORD: R002 (LASERS)
JOURNAL: Section: P, Section No. 1310, Vol. 16, No. 56, Pg. 23, February 12, 1992 (19920212)

ABSTRACT

PURPOSE: To reflect the **contents** of a **song** upon a background image and to share **video** data by storing an image memory with one or plural **video** data which are grouped by preferences.

CONSTITUTION: When a user inputs information on the keyword number, etc., of a **song** to be played through an input device 51 consisting of a keyboard, etc., a central controller (CPU) 5 reserves and registers the data and refers to data in a ROM 52 to send the **music** selection signal 5b of the reserved **song** to a CD a player 3 and a **program** search signal 5a for the image corresponding to the **song** to a laser disk player 4 respectively. Namely, the desired **song** to be played is selected from a **music** medium and then **video** data **matching** the preference of the **song** to be played are selected properly from the image memory 41. Consequently, when a new **song** is added, only its musical medium is added and the image memory 41 is shared among the the new and old **music media** .

15/5/3
DIALOG(R)File 347:JAPIO

03425076 **Image available**
CHARACTER RECOGNIZING/INTERPRETING DEVICE FOR ELECTRONIC STILL CAMERA

PUB. NO.: 03-087976 [JP 3087976 A]
PUBLISHED: April 12, 1991 (**19910412)**
INVENTOR(s): FURUYA YOJI
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-223218 [JP 89223218]
FILED: August 31, 1989 (19890831)
INTL CLASS: [5] G06F-015/38; G06K-009/20; **H04N-005/225**
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 30.2 (MISCELLANEOUS GOODS -- Sports & Recreation); 44.6 (COMMUNICATION -- Television); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers); R131 (INFORMATION PROCESSING -- Microcomputers & Microprocessers)
JOURNAL: Section: P, Section No. 1224, Vol. 15, No. 268, Pg. 9, July 08, 1991 (19910708)

ABSTRACT

PURPOSE: To automatically and quickly translate the foreign **language** contained in a still screen image photographed by an electronic still camera by extracting a character area out of the **video** signal outputted from the electronic still camera, recognizing the characters of the extracted character area, and translating these recognized characters into a prescribed foreign **language** .

CONSTITUTION: Only a character string area is extracted to the still picture information of a **video** RAM 9 by an edge extracting method based on a character area extracting **program** 23. Then the characters are recognized by a pattern **matching** method based on a character recognizing **program** 26. Then the English-Japanese mechanical translation is carried out based on a mechanical translation **program** 27. The result of this translation is stored in a **video** RAM 10 and then displayed on a liquid crystal TV 3 based on a picture display **program** 28 for Japanese character strings obtained by translation. As a result, the foreign **language** contained in a still picture screen image photographed by an electronic still camera 1 can be automatically translated into Japanese.

15/5/4
DIALOG(R)File 347:JAPIO

03422168 **Image available**
VIDEO CAMERA

PUB. NO.: 03-085068 [JP 3085068 A]
PUBLISHED: April 10, 1991 (**19910410)**
INVENTOR(s): MATSUZAKA KAZUHIRO
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 01-220256 [JP 89220256]
FILED: August 29, 1989 (19890829)
INTL CLASS: [5] **H04N-005/225**
JAPIO CLASS: 44.6 (COMMUNICATION -- Television); 29.1 (PRECISION INSTRUMENTS -- Photography & Cinematography)
JOURNAL: Section: E, Section No. 1085, Vol. 15, No. 261, Pg. 37, July 03, 1991 (19910703)

ABSTRACT

PURPOSE: To attain the holding in response to the operating state or the **preference** of the user and to make a belt of a nonuse grip from being hindered by loading/unloading the grip belt to/from 1st and 2nd grips.
CONSTITUTION: A grip belt 3 is loaded/unloaded to/from 1st and 2nd grips respectively and used only to the grip in use. As a result, a **video** camera is subject to holding in **matching** with the operating state or the **preference** of the user and a grip belt of a grip not in use does not give any hindrance.

15/5/13
DIALOG(R)File 347:JAPIO

03100886 **Image available**
PICTURE COMMUNICATION SYSTEM

PUB. NO.: 02-076386 [JP 2076386 A]
PUBLISHED: March 15, 1990 (**19900315)**
INVENTOR(s): NAGASHIMA YOSHIO
SHIMAMURA KAZUNORI
YASUDA HIROSHI
APPLICANT(s): NIPPON TELEGR & TELEPH CORP <NTT> [000422] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-227823 [JP 88227823]
FILED: September 12, 1988 (19880912)
INTL CLASS: [5] H04N-007/14; **H04N-005/272**
JAPIO CLASS: 44.6 (COMMUNICATION -- Television)
JOURNAL: Section: E, Section No. 936, Vol. 14, No. 257, Pg. 33, June 04, 1990 (19900604)

ABSTRACT

PURPOSE: To send a portrait without moving a picture of a thing even if the thing undesired of observation exists in the background by sending only its own portrait to a communication party correctly at the start of communication and deciding whether or not the entire image including the background is to be sent after the confirmation of the communication party.

CONSTITUTION: A **profile** image of a portrait is **identified** correctly from the pattern picked up by a **video** camera 2 at a portrait identification section 3 and a portrait identification signal in which the level of a portrait area is logical 1 and the level of the background area is logical 0 is generated. A contact of a **video** changeover section 6 is turned to the position of a terminal A when the portrait identification signal is logical 1 and to the position of a terminal B when the portrait identification signal is logical 0. When the call connection with the communication party is finished and the state of communication start enable is reached, a picture selector switch 7 is automatically turned off and the background processing picture is sent to the communication party. The opposite party is confirmed by observing a picture from the opposite communication party to judge whether or not the entire image including the background image is to be sent.

15/5/15

03082615 **Image available**
INTERACTIVE DEVICE

PUB. NO.: 02-058115 [JP 2058115 A]
PUBLISHED: February 27, 1990 (**19900227**)
INVENTOR(s): KINOSHITA SATOSHI
AMANO MASAIE
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 63-208086 [JP 88208086]
FILED: August 24, 1988 (19880824)
INTL CLASS: [5] **G06F-003/02** ; G06F-015/38
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 30.2 (MISCELLANEOUS GOODS -- Sports & Recreation); 45.4 (INFORMATION PROCESSING -- Computer Applications)
JOURNAL: Section: P, Section No. 1049, Vol. 14, No. 233, Pg. 130, May 17, 1990 (19900517)

ABSTRACT

PURPOSE: To detect a part which a system cannot analyze in a user input sentence at an early time point, and to attain smooth interaction by analyzing a character string in the middle of an input even when the input of a sentence is not completed, and responding at such a time point.

CONSTITUTION: An input part 1 to input a natural **language** sentence by a user, an analyzing part 2 to **determine** the meaning of the input character string for the character string obtained from the input part 1, a problem solving part 3 to solve a problem based on an analysis result and to **determine** a response to the user, and a responding part 4 to output responding **contents** are provided. Consequently, before an input completion mark is inputted by the user, the already inputted character string can be analyzed. Thus, the part which an interactive device cannot analyze can be recognized at the early time point, and a processing according to the part can be executed.

15/5/29
DIALOG(R)File 347:JAPIO

02168422 **Image available**
PICTURE DISPLAYING SYSTEM

PUB. NO.: 62-085322 [JP 62085322 A]
PUBLISHED: April 18, 1987 (**19870418)**
INVENTOR(s): TAKEUCHI HIDEYUKI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 60-226113 [JP 85226113]
FILED: October 09, 1985 (19851009)
INTL CLASS: [4] **G06F-003/153**
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units)
JOURNAL: Section: P, Section No. 618, Vol. 11, No. 291, Pg. 41, September 19, 1987 (19870919)

ABSTRACT

PURPOSE: To make it unnecessary to vary a processing **program** in accordance with a **language** type of a terminal display by executing a registration and read-out of a picture by a key which has added the **language** type to a name of the picture.

CONSTITUTION: A picture registering means 1 adds a **language** type of a registering picture to a name of its picture and sets it as a work name, and by using this work name as a key, the picture is registered in a picture library 4. On the other hand, a **language** type comparing means 2 compares a **language** type of a terminal display 5 and the **language** type which has been **determined** in advance and **determines** a **language** type of the picture. Subsequently, a picture display means 3 generates a work name from the **language** type which has been **determined** by the comparing means 2 and a picture name to be displayed, reads out the picture stored in the library 4 by a procedure which has been **determined** in advance and displays it on the display 5. In this way, it becomes unnecessary to vary a processing **program** in accordance with the **language** type of the terminal display.

```
Set     Items   Description
S1     554341   PROFILE? ? OR PREFERENCE? ? OR DEMOGRAPHICS OR AGE OR GEND-
             ER OR HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR
             TOPIC? ? OR ACTOR? ? OR ACTRESS? ?)
S2       1936   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
             AST)
S3     243823   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
             DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
             OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CONTE-
             NT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SHOW? ? OR
             PROGRAM? ?
S4      12790   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
             DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
             OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(VIDEO-
             RECORD? OR MOVIE? ? OR (MOVING OR MOTION)()(PICTURE? ?) OR PR-
             OGRAMMING OR
S5        785   (S1 OR S2) (10N) (S3 OR S4)
S6        258   S5 AND IC=G06F
S7          4   S6 AND AY=1978:1991
S8      11093   (S1 OR S2) (S) (S3 OR S4)
S9       3054   S8 AND IC=G06F
S10        89   S9 AND AY=1978:1991
S11        89   IDPAT (sorted in duplicate/non-duplicate order)
S12        87   IDPAT (primary/non-duplicate records only)
S13       785   (S1 OR S2) (20N) (S3 OR S4)
S14       885   S8 AND IC=(G06F-001 OR G06F-003 OR G06F-013 OR H04N-005)
S15        26   S14 AND AY=1978:1991
S16        26   IDPAT (sorted in duplicate/non-duplicate order)
S17        25   IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2005/Aug W02
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050818,UT=20050811
         (c) 2005 WIPO/Univentio
```

7/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00542141
Monitoring execution of a computer program to provide profile analysis
Uberwachung der Ausfuhrung eines Rechnerprogramms zwecks Profilanalyse
Surveillance de l'execution d'un programme d'ordinateur afin de fournir une analyse de profil

PATENT ASSIGNEE:
RESEARCH MACHINES PLC, (1398710), New Mill House, 183 Milton Park, Milton, Abingdon, Oxon OX14 4SE, (GB), (applicant designated states: DE;FR;IT;NL;SE)
INVENTOR:
Burton-Cundall, Brian David, 27 Littlehay Road, Florence Park, Oxford, OX4 3EG, (GB)
LEGAL REPRESENTATIVE:
Unwin, Stephen Geoffrey (52792), S.G. Unwin & Co. Brookfurlong Farmhouse, Islip, Oxford OX5 2TJ, (GB)

PATENT (CC, No, Kind, Date): EP 526055 A2 930203 (Basic)
EP 526055 A3 930908
EP 526055 B1 970618
APPLICATION (CC, No, Date): EP 92306548 920716;
PRIORITY (CC, No, Date): GB 9116162 910726
DESIGNATED STATES (Pub A): DE; FR; GB; IT; NL; SE; (Pub B): DE; FR; IT; NL; SE
INTERNATIONAL PATENT CLASS: **G06F-011/00**
ABSTRACT WORD COUNT: 126

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB97	403
CLAIMS B	(German)	EPAB97	389
CLAIMS B	(French)	EPAB97	446
SPEC B	(English)	EPAB97	4158
Total word count - document A			0
Total word count - document B			5396
Total word count - documents A + B			5396

INTERNATIONAL PATENT CLASS: **G06F-011/00**

...SPECIFICATION further functions exclusive to the profile analyser, as a result of which the profile analyser **determines** the usage **profile** of the **program** resulting from the sets of test input conditions and data. The basic principle of the...

17/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00490123
Digital video signal processing apparatus
Vorrichtung zum Verarbeiten eines digitalen Videosignals
Dispositif de traitement d'un signal video numerique
PATENT ASSIGNEE:
SONY CORPORATION, (214021), 7-35 Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141, (JP), (applicant designated states: DE;FR;GB)
INVENTOR:
Kobayashi, Nobuyoshi, c/o Sony Corporation 7-35 Kitashinagawa 6-chome, Shinagawa-ku Tokyo, (JP)
Kominami, Hisanori, c/o Sony Corporation 7-35 Kitashinagawa 6-chome, Shinagawa-ku Tokyo, (JP)
LEGAL REPRESENTATIVE:
Cotter, Ivan John et al (29661), D. YOUNG & CO. 21 New Fetter Lane, London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 488680 A2 920603 (Basic)
EP 488680 A3 930224
EP 488680 A3 930512
EP 488680 B1 970423
APPLICATION (CC, No, Date): EP 91310934 911127;
PRIORITY (CC, No, Date): JP 90338349 901130
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: H04N-009/80; **H04N-005/92** ; H03H-017/06
ABSTRACT WORD COUNT: 123

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	628
CLAIMS B	(English)	EPAB97	247
CLAIMS B	(German)	EPAB97	223
CLAIMS B	(French)	EPAB97	278
SPEC A	(English)	EPABF1	5028
SPEC B	(English)	EPAB97	3943
Total word count - document A			5656
Total word count - document B			4691
Total word count - documents A + B			10347

...INTERNATIONAL PATENT CLASS: **H04N-005/92**

...SPECIFICATION Figure 13.
Due to such construction, the coefficient profile of the half-band high pass **filter** 10H **shown** in Figure 2 is such that the centre coefficient k(sub 0) is zero and...

...SPECIFICATION Figure 10.
Due to such construction, the coefficient profile of the half-band high pass **filter** 10H **shown** in Figure 2 is such that the centre coefficient k0)) is zero and the even...zero points corresponding to the centre and even coefficients of a half-band low pass **filter** are eliminated from the **profile** (**shown** in Figure 4) of the high pass filter 100.
In other words, the embodiment of...

17/3,K/8 (Item 8 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00400795
A video processing system.
Videoverarbeitungssystem.
Systeme de traitement video.
PATENT ASSIGNEE:
QUANTEL LIMITED, (690591), Pear Tree Lane, Newbury Berkshire RG13 2LT, (GB), (applicant designated states: DE;FR)
INVENTOR:
Beckwith, Timothy John, 2 Delafield Drive, Calcot, Reading, Berkshire, RG3 7EB, (GB)
LEGAL REPRESENTATIVE:
Milhench, Howard Leslie et al (33863), R.G.C. Jenkins & Co. 26 Caxton Street, London SW1H 0RJ, (GB)
PATENT (CC, No, Kind, Date): EP 396415 A2 901107 (Basic)
EP 396415 A3 910403
EP 396415 B1 941214
APPLICATION (CC, No, Date): EP 90304832 900503;
PRIORITY (CC, No, Date): GB 8910380 890505
DESIGNATED STATES (Pub A): DE; FR; GB; (Pub B): DE; FR
INTERNATIONAL PATENT CLASS: **H04N-005/262**
ABSTRACT WORD COUNT: 101

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPBBF1	380
CLAIMS B	(English)	EPBBF1	705
CLAIMS B	(German)	EPBBF1	604
CLAIMS B	(French)	EPBBF1	780
SPEC A	(English)	EPBBF1	2729
SPEC B	(English)	EPBBF1	2882
Total word count - document A			3109
Total word count - document B			4971
Total word count - documents A + B			8080

INTERNATIONAL PATENT CLASS: **H04N-005/262**

...SPECIFICATION stretch" is to be used. Once the profile has been defined, an input clip is **identified** from the **video** data in the disc store 10 using the stylus and touch tablet interactively with the...

...SPECIFICATION the memory output an eight bit code representing a value on the y axis.
A **profile** is defined by use of the stylus 14 and the touch tablet 15. Points can...

...eight bit code at that location. When a point is defined by the user, the **profile** between the defined point and the previously define point is displayed by drawing a straight...

...i.e. by linear interpolation) between the two points. With all desired points in the **profile** selected, the **profile** may be smoothed between points by applying a smoothing function, for example least squared fit, to the selected points. Predefined **profiles** such ...in memory and selected by the user when required, instead of having to define a **profile** each time the " **profile** stretch" is to be used. Once the **profile** has been defined, an input clip is **identified** from the **video** data in the disc store 10 using the stylus and touch tablet interactively with the..

17/3,K/10 (Item 10 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00386411
Advanced user interface
Hochentwickelte Anwenderschnittstelle
Interface utilisateur avancee
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
An, Yu Larry, 9307 Robnel Place, Vienna, Virginia 22182, (US)
Arbeitman, Gordon Wayne, 128 Lamont Lane, Gaithersburg, Maryland 20878, (US)
Greanias, Evon Constantine, 4550 North Park Avenue, Chevy Chase, Maryland 20815, (US)
Tannenbaum, Alan Richard, 407 Acorn Lane, Washington Grove, Maryland 20880, (US)
Verrier, Guy Francis, 11101 Lake Chapel Lane, Reston, Virginia, (US)
LEGAL REPRESENTATIVE:
Jost, Ottokarl, Dipl.-Ing. (6092), IBM Deutschland Informationssysteme GmbH, Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 394614 A2 901031 (Basic)
EP 394614 A3 920902
EP 394614 B1 960410
APPLICATION (CC, No, Date): EP 90101292 900123;
PRIORITY (CC, No, Date): US 344879 890428
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-003/033** ; **G06F-003/023** ; G06F-009/44
ABSTRACT WORD COUNT: 188

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1343
CLAIMS B	(English)	EPAB96	1121
CLAIMS B	(German)	EPAB96	990
CLAIMS B	(French)	EPAB96	1216
SPEC A	(English)	EPABF1	8622
SPEC B	(English)	EPAB96	8747
Total word count - document A			9966
Total word count - document B			12074
Total word count - documents A + B			22040

INTERNATIONAL PATENT CLASS: **G06F-003/033** ...
... **G06F-003/023**

...SPECIFICATION generated by the alternate input subsystem, queries the integrated operating environment as to which application **program** is active, **matches** the input messages to the corresponding commands in the appropriate application **profile** within the interface **profile** module, and initiates an action based on the set of instructions such as sending messages...117 the environment link 101 queries the integrated operating environment 56 as to which application **program** is currently active. After **determining** the active application **program** , spreadsheet 50 at 119, the environment link 101 refers to the application **profile** 105 of the spreadsheet 50 for the command which corresponds to the input message "GRAPH...

...e., the menu selection --graph--. The environment link 101 then at 121 checks the user **profile** 107 to determine whether there is a higher priority command which would override the command from the application **profile** 105. The environment link 101 determines which command has

higher priority at 123. The environment...

...sends the higher priority command, in this example, the menu-selection command from the application **profile** 105, to the integrated operating environment 56 which routes the command to the active application...

...data and changing the information presented to the user by the display 28 accordingly.

Interface **Profiles**

To understand the power and flexibility of the advanced user interface 100, the application profiles...a right arrow gesture from the touch sensor 36, it calls environment link 101 which **determines** the application **program** which owns the currently active window. The environment link 101 reads the corresponding application's **profile** 105, merges that information with the appropriate user's **profile** 107, choosing the command with higher priority, then issues the command to the active application...

...SPECIFICATION generated by the alternate input subsystem, queries the integrated operating environment as to which application **program** is active, **matches** the input messages to the corresponding commands in the appropriate application **profile** within the interface **profile** module, and initiates an action based on the set of instructions such as sending messages...117 the environment link 101 queries the integrated operating environment 56 as to which application **program** is currently active. After **determining** the active application **program** , spreadsheet 50 at 119, the environment link 101 refers to the application **profile** 105 of the spreadsheet 50 for the command which corresponds to the input message "GRAPH...

...e., the menu selection --graph--. The environment link 101 then at 121 checks the user **profile** 107 to determine whether there is a higher priority command which would override the command from the application **profile** 105. The environment link 101 determines which command has higher priority at 123. The environment...

...sends the higher priority command, in this example, the menu-selection command from the application **profile** 105, to the integrated operating environment 56 which routes the command to the active application...

...data and changing the information presented to the user by the display 28 accordingly.

Interface **Profiles**

To understand the power and flexibility of the advanced user interface 100, the application profiles...a right arrow gesture from the touch sensor 36, it calls environment link 101 which **determines** the application **program** which owns the currently active window. The environment link 101 reads the corresponding application's **profile** 105, merges that information with the appropriate user's **profile** 107, choosing the command with higher priority, then issues the command to the active application...

...CLAIMS response to actions performed by a user;

translating said input signals into an input message;

determining which one of said application **programs** was active at the time said input signals were transmitted;

finding a corresponding command to said input message in said interface **profiles** for said active application program; and,

sending said corresponding command to an appropriate computer module...

17/3,K/16 (Item 16 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00244388
Information processing system.
Informationsverarbeitungssystem.
Systeme de traitement d'information.
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
Arroyo, Ronald Xavier, Route 4 Box 167, Elgin Texas 78621, (US)
Day, Michael Norman, 2005 Abbey Circle, Austin Texas 78727, (US)
Edrington, Jimmie Darius, 4002 Val Verde, Georgetown Texas 78628, (US)
Hanna, James Thomas, 48 Summit View, Austin Texas 78703, (US)
Hunt, Gary Thomas, 11506 Windermere Meadows, Austin Texas 78759, (US)
Pancoast, Steven Taylor, 12003 Carmel Park, Austin Texas 78727, (US)
LEGAL REPRESENTATIVE:
Killgren, Neil Arthur (32601), IBM United Kingdom Limited Intellectual Property Department Hursley Park, Winchester Hampshire SO21 2JN, (GB)
PATENT (CC, No, Kind, Date): EP 230351 A2 870729 (Basic)
EP 230351 A3 890927
EP 230351 B1 920722
APPLICATION (CC, No, Date): EP 87300121 870108;
PRIORITY (CC, No, Date): US 820459 860117
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: **G06F-001/26** ; G06F-009/46
ABSTRACT WORD COUNT: 204

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	617
CLAIMS B	(German)	EPBBF1	622
CLAIMS B	(French)	EPBBF1	760
SPEC B	(English)	EPBBF1	4051
Total word count - document A			0
Total word count - document B			6050
Total word count - documents A + B			6050

INTERNATIONAL PATENT CLASS: **G06F-001/26** ...

...SPECIFICATION printer operation is stopped while any audio output is disabled.
In step 87, a system **profile** area in RAM 15 is read. In this area, a user of the system canA "force" resume overrides the information in the system **profile** area that was read in step 87 so as to force the system to resume...

...only the alarm function of the system has power remaining on. In decision block 93, **a determination** is made as to whether or not an alarm power-on-activation has been requested...

...and 110, both the main memory and the special suspend memory have a check sum **procedure** performed on them and their **contents** are stored in the special save area. These operations are done to make sure that...

...is reset as shown in step 116. However, if neither of these conditions occur, then **the** suspend save area in RAM **35** is accessed and a checksum function is performed. If the checksum function indicates an error...

17/3,K/20 (Item 20 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00125948
Method for allowing a program to be independent of the national language in which an input to the data processing system is received.
Methode zum Unabhangigmachen eines Programms von der nationalen Sprache, in welcher eine Eingabe fur das datenverarbeitende System empfangen wird.
Methode pour rendre un programme independant de la langue nationale dans laquelle l'entree au systeme de traitement de donnees est recu.
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB;IT)
INVENTOR:
Innes, John Guernsey, 3701 Country Club Road, Arlington Texas 76013, (US)
LEGAL REPRESENTATIVE:
Combeau, Jacques (14861), Compagnie IBM France Departement de Propriete Intellectuelle, F-06610 La Gaude, (FR)
PATENT (CC, No, Kind, Date): EP 134897 A2 850327 (Basic)
EP 134897 A3 870729
EP 134897 B1 900808
APPLICATION (CC, No, Date): EP 84105755 840521;
PRIORITY (CC, No, Date): US 517642 830727
DESIGNATED STATES: DE; FR; GB; IT
INTERNATIONAL PATENT CLASS: G06F-009/44; **G06F-003/023**
ABSTRACT WORD COUNT: 279

LANGUAGE (Publication,Procedural,Application): English; English; English

...INTERNATIONAL PATENT CLASS: **G06F-003/023**

...ABSTRACT to allow concurrent multi-lingual use by a plurality of users having different national language **preferences** is further provided with the ability to be independent of the national language in which...

...a call from an application (10), application control (12) or supervisor (13) program. The calling **program** stores a message **identifier** primary key as the value of a variable and causes an event to be stacked...

...values in variables accessible to the calling program. The calling program can then use the **contents** of those variables to **determine** whether the user's input has meaning recognized by the program.

```
Set     Items   Description
S1     554341   PROFILE? ? OR PREFERENCE? ? OR DEMOGRAPHICS OR AGE OR GEND-
             ER OR HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR
             TOPIC? ? OR ACTOR? ? OR ACTRESS? ?)
S2       1936   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
             AST)
S3     202030   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
             DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
             OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CONTE-
             NT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SHOW? ?)
S4       5683   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
             DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
             OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(VIDEO-
             RECORD? OR MOVIE? ? OR (MOVING OR MOTION)()(PICTURE? ?) OR PR-
             OGRAMMING)
S5      73837   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
             DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
             OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(PROGR-
             AM? ? OR MEDIA OR MULTIMEDIA OR VIDEO? ? OR AUDIO OR MUSIC)
S6       7281   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
             DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
             OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CARTO-
             ON? ? OR ANIMATION? ? OR NEWS OR PHOTO? ? OR PHOTOGRAPH? ?)
S7       4558   (S1 OR S2) (10N) (S3 OR S4 OR S5 OR S6)
S8       1513   S7 AND IC=G06F
S9         29   S8 AND AY=1978:1991
S10        29   IDPAT (sorted in duplicate/non-duplicate order)
S11        28   IDPAT (primary/non-duplicate records only)
File 348:EUROPEAN PATENTS 1978-2005/Aug W02
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050818,UT=20050811
         (c) 2005 WIPO/Univentio
```

11/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00525501
Method for providing a generalized link from a reference point in an on-line book to a multimedia object.
Verfahren zum Einsetzen einer verallgemeinerten Verbindung zwischen einem Referenzpunkt in einem On-Line-Buch und einem Multimediaobjekt.
Methode pour fournir une liaison generalisee d'un point de reference dans un livre en ligne a un objet multimedias.
PATENT ASSIGNEE:
International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)
INVENTOR:
Cutlib Cohen, Amy S., 2324 Holly Spring Drive, Silver Spring, MD 20905, (US)
Gleason, Christopher F., 765 Quince Orchard Blvd., No.32, Gaithersburg, MD 20878, (US)
Hyatt, Donald R., 4007 Jeffry Street, Silver Spring, MD 20906, (US)
Moran, Michael E., 50 Harder Road, Woodstock, NY 12498, (US)
Stevens, Jeffrey N., 18637 Sandpiper Lane, Gaithersburg, MD 20879, (US)
Wecker, Alan J., 43/47 Tabenkin Street, Naveh Shanan, Haifa 32801, (IL)
LEGAL REPRESENTATIVE:
Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)
PATENT (CC, No, Kind, Date): EP 530678 A2 930310 (Basic)
EP 530678 A3 941109
APPLICATION (CC, No, Date): EP 92114621 920827;
PRIORITY (CC, No, Date): US 755709 910906
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-015/40** ; **G06F-015/419** ; **G06F-015/403**
ABSTRACT WORD COUNT: 147

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1732
SPEC A	(English)	EPABF1	7760
Total word count - document A			9492
Total word count - document B			0
Total word count - documents A + B			9492

INTERNATIONAL PATENT CLASS: **G06F-015/40** ...

... **G06F-015/419** ...
... **G06F-015/403**

...SPECIFICATION the playing characteristics of CD video Format A. In step 508 of the video handler **program** of Fig. 7a, it is **determined** whether the workstation **profile** includes the required video support. Since the profile 300 indicates that the support is present...

...CLAIMS characterizing said multimedia output device which is coupled to said data processing system;

checking said **profile** with said **multimedia** handler **program** to **determine** whether said **multimedia** output device can produce said multimedia presentation with said multimedia object;

producing said multimedia presentation...multimedia output device which is coupled to said data processing system;

said processor checking said **profile** with said **multimedia** handler **program** to **determine** whether said **multimedia** output device can produce said multimedia presentation with said multimedia object;

said multimedia output device...

11/3,K/11 (Item 11 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00296958
Customization by automated resource substitution.
Programmanpassung durch automatische Resourcensubstitution.
Personnalisation par substitution automatique de resource.
PATENT ASSIGNEE:
WANG LABORATORIES INC., (333560), One Industrial Avenue, Lowell, MA 01851 , (US), (applicant designated states: BE;DE;FR;GB)
INVENTOR:
Soucie, Marc San, 33 Sherburne Avenue No. 8, Tynsboro, MA. 01879, (US)
Surprenant, Carolyn E., 26 Colonial Drive, Dracut, MA., 01826, (US)
Fitzgerald, Thomas, 2nd Floor, Lowell, MA., 01850, (US)
Walker, Susan, 10 Lockeland Avenue, Arlington, MA., 02174, (US)
LEGAL REPRESENTATIVE:
Behrens, Dieter, Dr.-Ing. et al (1701), Wuesthoff & Wuesthoff Patent- und Rechtsanwalte Schweigerstrasse 2, D-81541 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 304072 A2 890222 (Basic)
EP 304072 A3 910130
EP 304072 B1 950510
APPLICATION (CC, No, Date): EP 88113496 880819;
PRIORITY (CC, No, Date): US 88176 870821
DESIGNATED STATES: BE; DE; FR; GB
INTERNATIONAL PATENT CLASS: **G06F-009/46**
ABSTRACT WORD COUNT: 240

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	388
CLAIMS B	(English)	EPAB95	629
CLAIMS B	(German)	EPAB95	599
CLAIMS B	(French)	EPAB95	611
SPEC A	(English)	EPABF1	40494
SPEC B	(English)	EPAB95	41524
Total word count - document A			40887
Total word count - document B			43363
Total word count - documents A + B			84250

INTERNATIONAL PATENT CLASS: **G06F-009/46**

...CLAIMS the resource,
(C) modifying the copied resource,
(D) storing the modified resource in a user **profile** , when the resource is required by the **program** ,
(E) **determining** whether the resource is customizable,
(F) if the resource is customizable, checking user profile of...

...CLAIMS users of the programs, the version of any particular resource being provided to a requesting **program** depending on **determination** by the retrieval means from a user **profile** , and without intervention by the users, of whether a customized version exists for the current...

11/3,K/20 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00230198 **Image available**
PRODUCT INFORMATION SYSTEM FOR SHOPPERS
SYSTEME D'INFORMATION SUR LES PRODUITS A L'USAGE DES PERSONNES FAISANT LEURS COURSES
Patent Applicant/Assignee:
DIGICOMP RESEARCH CORPORATION,
GUPTA Om P,
RICKETSON Robert C,
BAILEY Jack F,
SHILEPSKY Carol C,
SHILEPSKY Arnold C,
CLINCH Marvin R,
Inventor(s):
GUPTA Om P,
RICKETSON Robert C,
BAILEY Jack F,
SHILEPSKY Carol C,
SHILEPSKY Arnold C,
CLINCH Marvin R,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9304449 A1 19930304
Application: WO 92US6992 19920820 (PCT/WO US9206992)
Priority Application: US 91727 19910820; US 92100 19920504
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KP KR LK LU MG MN MW NL NO PL RO RU SD SE US AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE BF BJ CF CG CI CM GA GN ML MR SN TD TG
Publication Language: English
Fulltext Word Count: 24515

International Patent Class: **G06F-15:24**
Fulltext Availability:
Detailed Description

Detailed Description
... Purchase Selection Log
Purchase Verification
STAGING AREA
Transfer Database from In-House Computer to Cart.

Profile Loading
Product Information
Advertising **Audio** /Visual
Battery Charging
Identify Customer via Magnetic Card/Keypad (Optional)
Referring now also to Figure 15, there is shown...a set of aggregate data-bases, which include individual shopper cumulative purchase statistics, individual shopper **profiles** , master advertising presentation log and master purchase selection log. Utility **programs** also examine the databases to **determine** how effective advertising is. If the store manager or advertiser makes a change in the...

11/3,K/24 (Item 24 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00192026 **Image available**
EXERCISE AND VIDEO GAME DEVICE
DISPOSITIF D'ENTRAINEMENT ET DE JEU VIDEO
Patent Applicant/Assignee:
HALL-TIPPING Justin,
Inventor(s):
HALL-TIPPING Justin,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9109374 A1 19910627
Application: WO 90US7579 19901220 (PCT/WO US9007579)
Priority Application: US 89488 19891220; US 89651 19891222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT BE CA CH DE DK ES FR GB GR IT JP LU NL SE
Publication Language: English
Fulltext Word Count: 5273

Main International Patent Class: **G06F-015/44**
Fulltext Availability:
Detailed Description

Detailed Description
... maximum attainable heart rate (approximately found using the formula of 220 minus the user's **age** in years).

(Figs 2) Fitness authorities **recommend** that fitness 5 **programs** consist of three parts: warmanup, work@out and coolandown, (See Figs 3.).

(a) Warmmsup period...

```
Set     Items   Description
S1    3556150   PROFILE? ? OR PREFER? OR DEMOGRAPHICS OR AGE OR GENDER OR -
            HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR TOPIC?
             ? OR ACTOR? ? OR ACTRESS? ?)
S2       8628   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
            AST)
S3   16272575   CONTENT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SH-
            OW? ? OR PROGRAM? ? OR MEDIA OR MULTIMEDIA OR VIDEO? ? OR AUD-
            IO OR MUSIC OR VIDEORECORD? OR MOVIE? ? OR FILM? ? OR (MOVING
            OR MOTION)()(PICTURE? ?) OR PROGRAMMING OR CARTOON? ? OR ANIM-
            ATION? ? OR N
S4    3624353   (MATCH? OR DETERMIN? OR DISCERN? OR IDENTIFY OR IDENTIFIE?
            ? OR IDENTIFYING OR DEDUC? OR PREDICT? OR RECOMMEND? OR FILTE-
            R?)(5N)S3
S5    1104670   (S1 OR S2) AND S3
S6     225381   S5 NOT PY>1991
S7     392857   (S1 OR S2) AND S4
S8      72784   S7 NOT PY>1991
S9     392185   S1 AND S4
S10    136844   (ALTER? OR EDIT? OR EDITED OR EDITING OR CHANGE? ? OR CHAN-
            GING OR MODIFY? OR MODIFIED OR MODIFICATION? ? OR UPDATE? ? OR
             UPDATING OR UP()(DATE? OR DATING) OR DELETE? ? OR DELETING OR
             DELETION OR ADD OR ADDITION? OR APPEND? OR MOVE? ? OR MOVING-
            )(3N)S1
S11     44719   S10 AND S3
S12      7618   S11 NOT PY>1991
S13     14120   S10 AND S4
S14      2518   S13 NOT PY>1991
S15   1518947   GUI OR INTERFACE? ?
S16       398   S13 AND S15
S17        66   S16 NOT PY>1991
S18        54   RD (unique items)
S19       459   FULL()SERVICE()NETWORK OR FSN
S20        63   S19 NOT PY>1991
S21         1   S20 AND S1 AND S3
S22       190   FULL()SERVICE()NETWORK
S23         6   S22 NOT PY>1991
S24         4   RD (unique items)
S25        22   S20 AND (S1 OR S3)
S26        22   S25 NOT PY>1991
S27        20   RD (unique items)
S28        19   S27 NOT S24
File   8:Ei Compendex(R) 1970-2005/Aug W1
         (c) 2005 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2005/Jul
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Aug W2
         (c) 2005 BLDSC all rts. reserv.
File   2:INSPEC 1969-2005/Aug W1
         (c) 2005 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2005/Jun W4
         (c)2005 Japan Science and Tech Corp(JST)
File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Aug 17
         (c) 2005 The Gale Group
File   6:NTIS 1964-2005/Aug W1
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2005/Aug W1
         (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2005/Aug W2
         (c) 2005 Inst for Sci Info
File  62:SPIN(R) 1975-2005/Jun W1
         (c) 2005 American Institute of Physics
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File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul
(c) 2005 The HW Wilson Co.
File 95:TEME-Technology & Management 1989-2005/Jul W2
(c) 2005 FIZ TECHNIK

24/5/2 (Item 1 from file: 111)
DIALOG(R)File 111:TGG Natl.Newspaper Index(SM)

04767877 Supplier Number: 18030573
Seven firms to develop games for Full Service Network .
Business Wire, p2260161
Feb 26, 1996

COMPANY NAMES: Time Warner Cable. **Full Service Network** --Contracts; Ringling Multimedia--Contracts; Interplay Productions--Contracts
DESCRIPTORS: Cable television broadcasting industry--Contracts; Computer software industry--Contracts
PRODUCT NAMES: 7372480 (Games,Recreation Software Pkgs(Micro)); 4834250 (Interactive CATV)
SIC CODES: 7372 Prepackaged software; 4841 Cable and other pay TV services
FILE SEGMENT: NW File 649

```
Set     Items   Description
S1    7577401   PROFILE? ? OR PREFERENCE? ? OR DEMOGRAPHICS OR AGE OR GEND-
            ER OR HOBBY OR HOBBIES OR INTERESTS OR FAVORITE()(GENRE? ? OR
            TOPIC? ? OR ACTOR? ? OR ACTRESS? ?)
S2      32012   (CONSUMPTION OR VIEWING? ?)(3N)(HISTORY OR PATTERN? ? OR P-
            AST)
S3     826855   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
            DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
            OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(CONTE-
            NT? ? OR RECORD? OR LP? ? OR FEED? ? OR SONG? ? OR SHOW? ? OR
            PROGRAM? ?
S4     272698   (MATCH? OR DETERMINE? ? OR DETERMINATION OR DETERMINING OR
            DISCERN? OR IDENTIFY OR IDENTIFIE? ? OR IDENTIFYING OR DEDUC?
            OR PREDICT? OR RECOMMEND? OR FILTER?? OR FILTERING)(5N)(VIDEO-
            RECORD? OR MOVIE? ? OR (MOVING OR MOTION)()(PICTURE? ?) OR PR-
            OGRAMMING OR
S5        1508   (S1 OR S2) (10N) (S3 OR S4)
S6         123   S5 NOT PY>1991
S7        1508   (S1 OR S2) (5N) (S3 OR S4)
S8        1482   S1 (10N) (S3 OR S4)
S9     846683   (ALTER? OR EDIT? OR EDITED OR EDITING OR CHANGE? ? OR CHAN-
            GING OR MODIFY? OR MODIFIED OR MODIFICATION? ? OR UPDATE? ? OR
             UPDATING OR UP()(DATE? OR DATING) OR DELETE? ? OR DELETING OR
             DELETION OR ADD OR ADDITION? OR APPEND? OR MOVE? ? OR MOVING-
            )(3N)S1
S10         49   S9 (10N) (S3 OR S4)
S11          5   S10 NOT PY>1991
S12       1257   S9 (S) (S3 OR S4)
S13         93   S12 NOT PY>1991
S14         70   RD (unique items)
S15    1889166   GUI? ? OR INTERFACE? ?
S16         30   S12 (S) S15
S17          1   S16 NOT PY>1991
S18          3   RD S11 (unique items)
S19       8460   FULL()SERVICE()NETWORK
S20        104   S19 NOT PY>1991
S21          0   S5 (10N) S19
S22          0   S19 (10N) (S1 OR S3 OR S4)
S23         77   RD S20 (unique items)
File  88:Gale Group Business A.R.T.S. 1976-2005/Aug 18
         (c) 2005 The Gale Group
File 369:New Scientist 1994-2005/May W5
         (c) 2005 Reed Business Information Ltd.
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 635:Business Dateline(R) 1985-2005/Aug 19
         (c) 2005 ProQuest Info&Learning
File  15:ABI/Inform(R) 1971-2005/Aug 19
         (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Aug 18
         (c) 2005 The Gale Group
File   9:Business & Industry(R) Jul/1994-2005/Aug 18
         (c) 2005  The Gale Group
File  13:BAMP 2005/Aug W1
         (c) 2005  The Gale Group
File 810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File 610:Business Wire 1999-2005/Aug 19
         (c) 2005 Business Wire.
File 647:CMP  Computer Fulltext 1988-2005/Jul W5
         (c) 2005 CMP Media, LLC
File  98:General Sci Abs/Full-Text 1984-2004/Dec
         (c) 2005 The HW Wilson Co.
File 148:Gale Group Trade & Industry DB 1976-2005/Aug 18
         (c)2005 The Gale Group
```

File 634:San Jose Mercury Jun 1985-2005/Aug 18
(c) 2005 San Jose Mercury News
File 275:Gale Group Computer DB(TM) 1983-2005/Aug 19
(c) 2005 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2005/Aug 19
(c) 2005 The Gale group
File 75:TGG Management Contents(R) 86-2005/Aug W1
(c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/Aug 18
(c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Aug 19
(c) 2005 McGraw-Hill Co. Inc
File 484:Periodical Abs Plustext 1986-2005/Aug W2
(c) 2005 ProQuest
File 613:PR Newswire 1999-2005/Aug 19
(c) 2005 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 141:Readers Guide 1983-2004/Dec
(c) 2005 The HW Wilson Co
File 239:Mathsci 1940-2005/Oct
(c) 2005 American Mathematical Society
File 370:Science 1996-1999/Jul W3
(c) 1999 AAAS
File 696:DIALOG Telecom. Newsletters 1995-2005/Aug 18
(c) 2005 Dialog
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
(c) 2005 The HW Wilson Co

18/3,K/3 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00215125 83-26686
A Procedure for Measuring and Estimating Consumer Preferences Under Uncertainty
Currim, Imran S.; Sarin, Rakesh K.
Journal of Marketing Research v20n3 PP: 249-256 Aug 1983
ISSN: 0022-2437 JRNL CODE: JMR

...ABSTRACT: developed by Hauser and Urban (1979). The statistical procedure is found to produce more accurate **preference predictions** . In **addition** , it is **shown** that preference **predictions** under uncertainty can be improved by segmenting consumers on the basis of their attitudes toward...

Full Service Network

From Wikipedia, the free encyclopedia.

Full Service Network was a digital video trial performed by Time Warner in Orlando, Florida which launched on December 14, 1994 and lasted for 18 months. During that time, 4,000 customers had free access to the interactive digital system, which included a selection of custom services for video-on-demand, shopping, games, program guide and US Postal Service functions.

Technology partners in the venture included some high profile vendors.

- Silicon Graphics
- AT&T
- Scientific-Atlanta
- Andersen Consulting

Investors in the system at the time included Time-Warner Inc., US West, Toshiba and ITOCHU (the world's largest trading group).

It was deemed an expensive failure because of the high cost of set-top boxes, which were basically SGI Indy workstations, in black cases, with turnkey software, connected using ATM networking. The rise of the Internet also rendered many of the shopping and walled garden online services obsolete.

See also: interactive television

External links

- FSN summary (http://www.ust.hk/~webiway/content/USA/Trial/fsn.html)
- Interview with Jim Ludington, vice president of technology, FSN (http://www.networkcomputing.com/616/616tw.html)

Retrieved from "http://en.wikipedia.org/wiki/Full_Service_Network"

Categories: Interactive television